



The Pro's Choice

Today, pro saw users can get the products and services they need from many sources. Technology makes this easier than ever. With a cell phone, you can order from any shop that has a phone number -- and do it from the crew bus on the ride home from work. It is also easy to buy online with a PC or smart phone. Delivery services like UPS or Fed Ex will transport what you order from almost anywhere to your doorstep, and do it quickly -- all for a fair price.

But having more choices doesn't always get you better prices or service. Often, the best value comes from a familiar choice: A company staffed with people who know and understand what you do, who have helped you before, and who you know you can count on.

At Madsen's, technology helps us improve the products we carry by helping us identify new products and locate new vendors. But, surprisingly, even with more choices, most of the companies we deal with are the same ones we've relied on for years.

We hope you think of us this way. When you need something that pertains to a pro saw, Madsen's is: A place with a complete selection of tools and equipment you use. A company with an experienced staff who listens and understands what you need. An outfit who cares about getting it right. A supplier you can trust and count on for real value.... And if you wish, you can talk to us on the drive home from work. These are our goals, and that's why we're the Pro's Choice.

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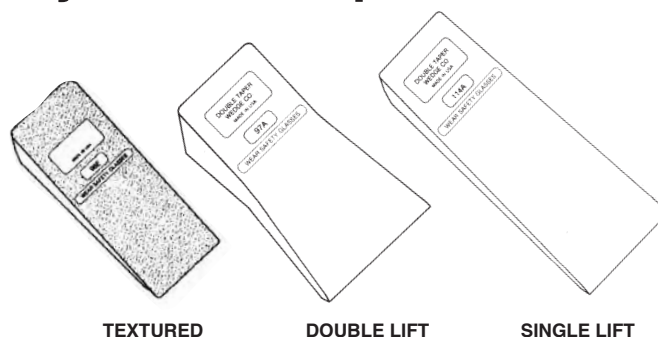
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Wedges by Double Taper™

Piller Plastics, the maker of DOUBLE TAPER brand faller's wedges, has been making wedges since 1963. They are the first choice of professional timber fallers everywhere.

Some Double Taper wedges have smooth surfaces and some are textured. Wedges with smooth surfaces drive the easiest, but textured wedges hold a little better in the tree.



TEXTURED

DOUBLE LIFT

SINGLE LIFT

Part #	Size	Description	MADSEN'S PRICE			
			List Price	1-11 ea	12-47 ea	48+ ea

Double Taper™

Standard Double Taper wedges are made of hard ABS plastic and feature a bright orange top. They are durable all-season wedges

#59-A	5½"	Textured	3⁷⁰	3²⁰	2 ⁹⁵	2 ⁷⁰
#97-A	7"	Double Lift - Smooth	8⁴⁵	7²⁵	6 ⁶⁰	6 ³⁰
#98-A	8"	Smooth	7⁸⁰	6⁴⁵	5 ⁸⁵	5 ⁵⁰
#100-A	10"	Smooth	8⁴⁵	7²⁵	6 ⁶⁰	6 ³⁰
#110-A	10"	Double Lift - Smooth	9⁴⁰	7⁹⁵	7 ²⁵	6 ⁹⁰
#111-A	10"	Textured	9¹⁰	7⁶⁵	6 ⁹⁵	6 ⁵⁵
#112-S	12"	Smooth	12⁴⁵	10⁵⁵	9 ⁴⁵	8 ⁹⁵
#112-T	12"	Textured	12⁴⁵	10⁵⁵	9 ⁴⁵	8 ⁹⁵
#114-A	12"	Extra Wide - Smooth	13⁰⁵	10⁹⁵	9 ⁹⁵	9 ³⁵
#115-A*	15"	Smooth	16⁷⁰	12⁹⁵	11 ⁹⁵	11 ⁴⁵

*Note: The 15" wedge has a unique rounded tip and extra lift. In addition to its use as a wedge in large trees, it's often used as a hammer for setting smaller wedges.

Double Taper™ Super-Tuff

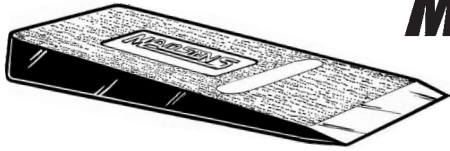
Double Taper Super-Tuff wedges are made of tough poly plastic. This is a softer material than ABS. They are a good choice when working in cold conditions. We have never had a broken one, but because they are soft, the heels tend to "beat over" more quickly than ABS wedges.

#96-P	8"	Poly Textured	4⁰⁵	3⁴⁵	3 ²⁵	3 ¹⁰
#111-P	10"	Poly Textured	5⁶⁵	4⁸⁵	4 ⁵⁰	4 ²⁵
#112-P	12"	Poly Textured	7⁰⁰	5⁸⁵	5 ⁴⁰	5 ¹⁰

Double Taper™ Red-Top

Double Taper Red-Top wedges are made of ABS plastic. The wedge body is white and has a red top. Their look is similar to a K & H wedge, but they are less expensive.

#10-RT	10"	Smooth	8¹⁰	5⁹⁵	5 ⁴⁵	5 ¹⁵
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MADSEN'S Wedges

MADSEN'S wedges are premium grade hi-impact plastic wedges made by Piller Plastics. These wedges offer both quality and extra value.

				MADSEN'S PRICE		
Part #	Size	Description	List Price	1-11 ea	12-47 ea	48+ ea
Blue Ox - Single Lift - Hard - Blue Plastic						
# 8B-WGM	8"	Lightly Textured	6⁵⁰	3 ⁹⁵	3 ⁶⁵	3 ⁴⁰
#10B-WGM	10"	Lightly Textured	7⁹⁰	4 ⁵⁵	4 ¹⁵	3 ⁹⁰
#12B-WGM	12"	Lightly Textured	10⁸⁵	6 ⁴⁵	5 ⁸⁰	5 ⁴⁰
Blaze Pro - Single Lift - Hard - Fluorescent Orange Plastic						
#OFL-96M	8"	Lightly Textured.....	4⁷⁰	4 ⁰⁵	3 ⁸⁵	3 ⁶⁵
#OFL-105M	10"	Lightly Textured	5⁹⁰	4 ⁶⁵	4 ²⁵	4 ⁰⁰
#OFL-112M	12"	Lightly Textured	7⁸⁵	6 ⁵⁵	5 ⁹⁵	5 ⁵⁵

K & H Wedges

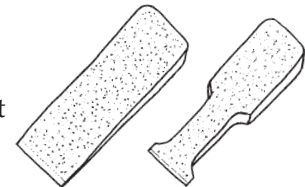


K&H faller's wedges are known for being easy to drive and having great lifting power.

			MADSEN'S PRICE		
Size	Description	List Price	1-11 ea	12-47 ea	48+ ea
K&H - Single Lift - Hard - White Plastic with a Red Colored Top					
7 ½"	Lightly Textured.....	8²⁵	6⁶⁵	6 ¹⁵	5 ⁸⁰
10"	Lightly Textured.....	9²⁰	7¹⁵	6 ⁶⁵	6 ²⁵
12"	Lightly Textured.....	11²⁵	9²⁰	8 ⁴⁵	7 ⁹⁵

Mag Aluminum Wedges

MAG ALUMINUM wedges are often hard to find and expensive, but not at Madsen's. Also, notice the Mag Driver has a "hand hold" cast into each side for extra grip for using it as a hammer to set plastic wedges.



Size	Description	List Price	MADSEN'S PRICE		
			1-11 ea	12-47 ea	48+ ea
12"	MADSEN'S Mag Aluminum.....	24⁴⁵	18⁸⁵	17 ⁴⁵	16 ⁸⁵
12"	MADSEN'S Mag Aluminum Driver.....	25⁷⁵	19⁸⁵	18 ²⁰	17 ⁴⁵

Black Bear Rifled Faller's Wedges

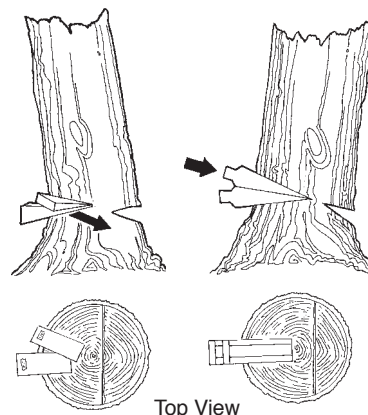
Timber Fallers: How many times have you had a tree sit back because the stack of wedges you were driving twisted?

BLACK BEAR WEDGES were designed by a timber faller. Each wedge has a pair of grooves and matching rails to keep them aligned when they are stacked. This overcomes the problem conventional wedges have of skewing sideways at a crucial time.



Black Bear Wedges help:

- Save time
- Increase productivity
- Make tree work safer
- Aid tree placement



				MADSEN'S PRICE		
Part #	Size	Description	List Price	1-11 ea	12-47 ea	48+ ea
Black Bear - Single Lift - Hard - Yellow ABS Plastic						
#8-BEAR	8"	Smooth.....	7⁰⁰	6⁴⁵	5 ⁹⁵	5 ⁶⁵
#10-BEAR	10"	Smooth.....	8⁵⁸	6⁷⁵	6 ²⁵	5 ⁹⁰
#12-BEAR	12"	Smooth.....	11⁰⁵	9³⁵	8 ⁴⁵	8 ¹⁵

Wedge Pouches

We carry two types of wedge pouches: one is a leather pouch, the other is made of tough Cordura nylon. Both pouches are the same size and have space for two or three wedges and a file or bar tool.



Leather Pouch

List **24⁰⁰**

MADSEN'S

1-5 **18⁹⁵**

6+ **17⁹⁵**

Nylon Pouch

List **11⁰⁵**

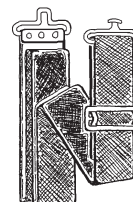
MADSEN'S

1-5 **8⁹⁵**

6+ **7⁹⁵**

Utility Belts

UTILITY BELTS are tough and adjustable. They work great with a wedge pouch, a Little Shot pouch, or an axe holder.



MADSEN'S PRICE

Web Belt..... **5⁹⁵**

Web Belt with Grommets.... **7⁹⁵**

Electronic Humidity Tester



Test humidity easily with this battery operated thermometer/hygrometer. No more slinging thermometers or wetted wicks.

This hand held tester measures temperature and humidity with a simple touch of a button. The digital readout is easy to see and understand.

List Price ~~79⁹⁵~~
MADSEN'S 59⁹⁵



Check out Madsen's OnLine at
<http://www.madsens1.com>

"Rite in the Rain"® Notebooks

NOTEBOOKS contain 50 lined pages and are spiral bound. They fit easily in a large shirt or hip pocket. Notebooks work great for keeping track of scale or other records.



Shirt Pocket Size

List ~~5²⁸~~
MADSEN'S
 1-11 **4⁴⁵**
 12+ **4⁰⁵**



Hip Pocket Size

List ~~6⁵⁸~~
MADSEN'S
 1-11 **5²⁰**
 12+ **4⁶⁵**

Hand Tally Counter

The HAND COUNTER is a 4-digit model with a wire finger ring. It is chromium plated and made for smooth and easy action.



Counter is easily reset with one turn of the knob and is easy to read.

List Price ~~9⁹⁵~~
MADSEN'S 7⁹⁵

Scribner Scale Book

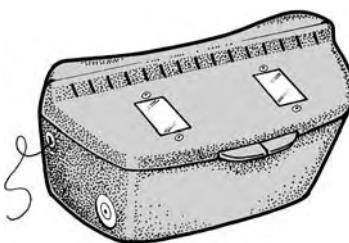
The SCRIBNER SCALE BOOK contains log volume tables. It is printed on rain proof paper and has a durable poly cover. Book is pocket sized for convenient carrying.



List ~~12⁵⁰~~
MADSEN'S
 1-11 **10⁹⁵**
 12+ **9⁹⁵**

Hip Chain

The HIP CHAIN attaches to your belt and measures distance as you walk. Just tie the string to a tree, set the meter at zero and walk. Your hands are free and there is no tape to tangle up. There is approximately 4500' of string on a roll.

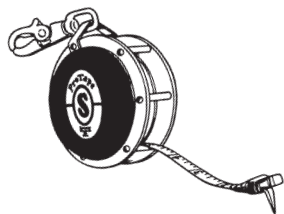


List Price ~~140⁰⁰~~
MADSEN'S
PRICE
109⁵⁰

Extra White String **4⁹⁵**



Automatic Logger's Tapes & Parts



Spencer Logger's Tapes

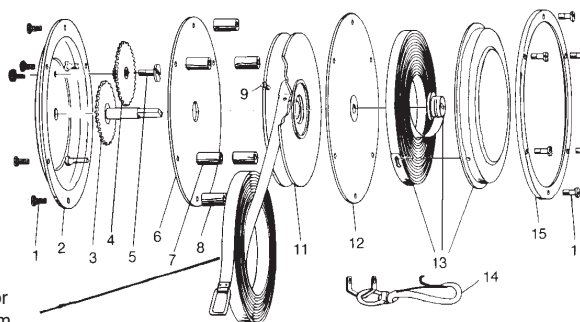
SPENCER automatic tapes are the industry standard for measuring logs. What started out as one logger's tape has grown to a full line of measuring tapes for loggers, engineers, and foresters.



Model #	Length	Description	MADSEN'S PRICE		
			List Price	1-5 ea	6+ea
# 950	50'	Traditional Logger's Tape - auto gear drive Blade top: feet, inches, eighths of inches Blade bottom: feet, inches, eighths of inches	51⁰⁰	29⁹⁵	27 ⁹⁵
# 950XL	65'	Same Size as #950 - metric on bottom Blade top: feet, inches, eighths of inches Blade bottom: meters, centimeters	62⁰⁰	36⁹⁵	34 ⁹⁵
# 975	75'	Big Version of the #950 - automatic gear drive Blade top: feet, inches, eighths of inches Blade bottom: feet, inches, eighths of inches	75⁰⁰	42⁹⁵	40 ⁹⁵

Other tapes are available, such as the 100' automatic and various Diameter tapes. Call us.

Spencer Tape Parts











Please see the refill page for a complete listing of this item.

Description	50' and 65' #950 and #950XL		75' #975		100' #900	
# 1 post screw	#968	\$.35	#968	\$.35	#968	\$.35
# 2 gear housing with bearing	958	11.70	978	12.70	978	12.70
# 3 main shaft and gear	952	7.65	952	7.65	952	7.65
# 4 idler gear and pinion	953	5.20	953	5.20	953	5.20
# 5 idler bearing with screw	954	3.35	954	3.35	954	3.35
# 6 gear cover plate	957	2.10	977	2.35	977	2.35
# 7 nylon guide post with screws	961	1.40	961	1.40	961	1.40
# 8 spacer post with 2 screws	955	1.20	955	1.20	955	1.20
# 9 tape refill screw	966	.35	966	.35	966	.35
#11 spool with pinion gear	951	12.35	901	14.25	901	14.25
#12 spring cover plate with bearing	959	3.95	979	4.85	979	4.85
#13 super spring assembly	956SA	16.30	976SA	19.60	906SA	19.95
#14 hanger and swivel clip	962A	5.25	962A	5.25	962A	5.25
#15 locking ring	960	2.35	980	3.35	980	3.35

Tape Refills, Repair Ends, & Nails

We carry a complete line of repair parts and blades for automatic logger's tapes. If you need a diameter tape refill or some other specialty blade not listed, please call. We stock many items not listed.

Part #	Length	Description	MADSEN'S PRICE		
			List Price	1-5 ea	6+ea
	50'	Standard Refill <i>by Spencer</i>	13⁹⁵	8⁹⁵	8 ⁵⁰
	65'	Standard/Metric Refill <i>by Spencer</i>	19²⁴	14⁹⁵	13 ⁹⁵
	75'	Standard Refill <i>by Spencer</i>	21²⁰	16⁹⁵	15 ⁹⁵
	18"	Repair End with Loop - Dymax	7⁶⁵	6⁷⁵	6 ³⁰
	12"	Repair End with Loop - Steel	4⁶⁵	3⁹⁵	3 ⁷⁰
		Pre-bent Horseshoe Nail	45¢	40¢	35¢
		Long Straight Horseshoe Nail	20¢	15¢	10¢
		Scissor Style Swivel Clip	4⁹⁰	3⁹⁵	3 ⁵⁰



TRI-FLOW™ Lubricant

TRI-FLOW is a lubricant containing high-grade petroleum oil, micronized teflon, a corrosion inhibitor, moisture displacers, and special solvents. It penetrates inaccessible areas to clean and lubricate. It even breaks down the crystalline structure of corrosion formed by moisture, alkaline, grime, salt, and other harsh corrosives.





Spencer recommends this lubricant for use in their tapes. Customers report it also works well on guns, in fishing reels, and in other mechanisms that require occasional applications of light oil.

List	16⁰⁰
MADSEN'S	
1-11	10⁹⁵
12+	9⁹⁵

Pro Chain Saw Guide Bars



Listed are our most popular bars for STIHL® and HUSQVARNA® chain saws. Please call if the you need a bar that is not listed. These prices reflect our cost at printing time, actual prices may vary. Also, we offer discounts on box quantities. Call for prices and more info.


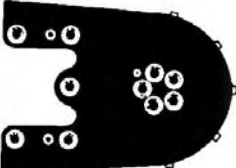
For Saw Type	Part	Length	Description	Gauge	List	MADSEN'S
Stihl® 361-660  Slot Width: 12.1 mm or .425"	20_RNDD025	20"	Painted Pwr Mtch	.050" or .063"	64⁹⁸	46⁵⁰
	24_RNDD025	24"	Painted Pwr Mtch	.050" or .063"	76⁹⁸	58⁵⁰
	28_RNDD025	28"	Painted Pwr Mtch	.050" or .063"	91⁸⁸	66⁵⁰
	28_RWDD025	28"	Reduced Weight	.050" or .063"	198⁴⁵	134⁵⁰
	30_RNDD025	30"	Painted Pwr Mtch	.050" or .063"	97⁷³	70⁵⁰
	32_RNDD025	32"	Painted Pwr Mtch	.050" or .063"	103⁵²	73⁵⁰
	323PMDD025	32"	Polished Power Match	.063"	121¹⁸	86⁵⁰
	32_RWDD025	32"	Reduced Weight	.050" or .063"	213⁷³	144⁵⁰
	343RNDD025	34"	Painted Power Match	.063"	109³⁸	78⁵⁰
	343RWDD025	34"	Reduced Weight PM	.063"	227⁸⁵	147⁵⁰
	363RNDD025	36"	Painted Power Match	.063"	112²²	80⁵⁰
	363RWDD025	36"	Reduced Weight PM	.063"	241²⁴	150⁵⁰
	423RNDD025	42"	Painted Power Match	.063"	130⁸⁷	93⁵⁰
	3240__STA	32"	Painted Speed Tip	.050" or .063"	88³¹	72⁵⁰
	344063STA	34"	Painted Speed Tip	.063"	93⁷³	76⁵⁰
	364063STA	36"	Painted Speed Tip	.063"	96⁴²	79⁵⁰
	ST-3263	32"	Superbar	.063"	162⁶⁵	142⁵⁰
	ST-3463	34"	Superbar	.063"	170⁸¹	152⁵⁰
	ST-3663	36"	Superbar	.063"	180⁹⁷	159⁵⁰
	ST-4163	41"	Superbar	.063"	205⁴⁰	179⁵⁰
	ST-5063	50"	Superbar	.063"	319⁸⁷	284⁵⁰

Chain Saw Guide Bars

For Saw Type	Part	Length	Description	Gauge	List	MADSEN'S
Stihl® 075-880  Slot Width: 14 mm or .553"	SB-3363	33"	Superbar	.063"	170⁰¹	152²⁰
	SB-3663	36"	Superbar	.063"	180³⁷	159⁵⁰
	SB-4163	41"	Superbar	.063"	205⁴⁰	179⁵⁰
	SB-5063	50"	Superbar	.063"	319⁸⁷	284⁵⁰
	SB-6063	60"	Superbar	.063"	385²⁴	349⁵⁰
	SB-7263	72"	Superbar	.063"	450⁵⁸	409⁵⁰
Husky 372-3120  Slot Width: 9.0 mm or .375"	200RNDD009	20"	Painted Power Match	.050"	64⁹³	46⁵⁰
	24_RNDD009	24"	Painted Pwr Mtch	.050" or .063	76⁹³	58⁵⁰
	28_RNDD009	28"	Painted Pwr Mtch	.050" or .063	91⁶⁸	66⁵⁰
	28_RWDD009	28"	Reduced Weight	.050" or .063	108⁴⁵	134⁵⁰
	300RNDD009	30"	Painted Power Match	.050"	97⁷⁵	70⁵⁰
	32_RNDD009	32"	Painted Pwr Mtch	.050" or .063	103⁵²	73⁵⁰
	32_RWDD009	32"	Reduced Weight	.050" or .063	213⁷³	144⁵⁰
	343RNDD009	34"	Painted Power Match	.063"	109⁸⁰	78⁵⁰
	363RNDD009	36"	Painted Power Match	.063"	112²²	80⁵⁰
	363RWDD009	36"	Reduced Weight PM	.063"	241²⁴	150⁵⁰
 	423RNDD009	42"	Painted Power Match	.063"	130⁶⁷	93⁵⁰
	32HU63STA	32"	Painted Speed Tip	.050" or .063	88³⁴	72⁵⁰
	34HU63STA	34"	Painted Speed Tip	.063"	93⁷³	76⁵⁰
	32HU63STA	36"	Painted Speed Tip	.063"	96⁴²	79⁵⁰
 <ul style="list-style-type: none"> • Ask about 96" bars with universal mount to fit big STIHL or HUSKY • We stock 72" & 84" Cannon bars for HUSKY saws. 	HU-3063	30"	Superbar	.063"	154²⁰	139⁵⁰
	HU-3263	32"	Superbar	.063"	162⁵⁵	142⁵⁰
	HU-3363	34"	Superbar	.063"	170⁰¹	152⁵⁰
	HU-3663	36"	Superbar	.063"	180³⁷	159⁵⁰
	HU-4263	42"	Superbar	.063"	208⁰⁶	179⁵⁰
	HU-5063	50"	Superbar	.063"	319⁸⁷	284⁵⁰
	HU-6063	60"	Superbar	.063"	385²⁴	349⁵⁰

Replacement Sprocket Noses

We carry a full line of REPLACEMENT NOSES for your guide bars. Below are our popular sellers. We also carry other brands and types not listed here. If you don't see the tip you need, please call. Our inventory includes many obsolete and hard-to-find items.

Type	Style	Pitch	List	MADSEN'S PRICE	
				1-5ea	6+ea
		3/8" or .404"	18²²	13⁹⁵	12 ⁹⁵
		.3/8" or .404"	17⁶⁰	12⁹⁵	11 ⁹⁵
		3/8" or .404"	21⁴²	13⁹⁵	12 ⁹⁵
 For Harvester Bar		.404" #537245	40⁹⁷	29⁹⁵	27 ⁹⁵
 For Harvester Bar		3/4" #40603	126⁵⁴	83⁹⁵	79 ⁹⁵

Rivets for securing the tip to the bar are included with the replacement tips listed above. If you need extra rivets, let us know. We carry a full inventory of most styles. Please specify the type of bar tip.

Bar Tip Grease Gun

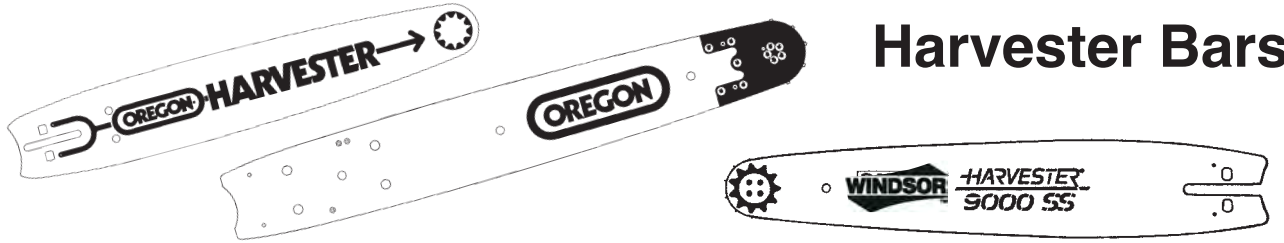


Some bar noses come with lubrication holes. This allows you to grease the nose bearing with a BAR NOSE GREASE GUN. This gun is palm operated and features a special needle tip. The gun is filled by packing with a high quality bearing grease.

List Price ~~13⁵⁵~~
MADSEN'S 8²⁵



Small tub of grease (1 lb) **3⁴⁵**



Harvester Bars

We carry a full line of harvester bars to fit popular harvesting machines, including bars not listed here. Call for more information if you don't see the bar you need. Also, call for a quote if you are ordering five or more bars. We offer discounts on purchases of box quantities.

Brand	Length	Part #	Link Count	Gauge	Pitch	List	MADSEN'S
Oregon®	21"	642HSFL114	74	.080	.404	119⁸⁴	69⁵⁰
Oregon®	21"	643HSFL114	74	.063	.404	119⁸⁴	69⁵⁰
Oregon®	25"	752HSFL114	85	.080	.404	129⁷²	79⁵⁰
Oregon®	25"	752RHFL114*	85	.080	.404	136²¹	84⁵⁰
Oregon®	25"	753HSFL114	85	.063	.404	129⁷²	79⁵⁰
Oregon®	30"	902HSFL114	104	.080	.404	150⁸⁴	92⁵⁰
Oregon®		341SNCT043*	55	.122	3/4	561⁸⁷	319⁰⁰
Oregon®		361SNCT043*	57	.122	3/4	576⁵⁵	329⁰⁰
Oregon®		381SNCT043*	60	.122	3/4	579⁸³	339⁰⁰
Oregon®		431SNCT043*	66	.122	3/4	623⁸³	349⁰⁰

* This harvester bar has a replaceable sprocket nose - See previous page for listing



Harvester Chain



We carry a full line of harvester chain. Call us for a price or if you need a chain not listed here.



Type	Pitch	Gauge	Tooth	Cutter	Sequence	Price
#11H	3/4"	.122"	micro-chisel	round	standard	Call for a Price
#11BC	3/4"	.122"	chipper	round	standard	
#16H	.404"	.063"	micro	round	standard	
#18HX	.404"	.080"	micro	round	standard	

IMPORTANT INFORMATION - WARNING

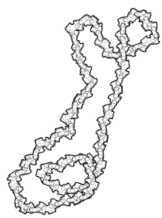
• All chain listed above is harvester chain and should only be used on tree harvesting machines. It is very aggressive chain, has a high kickback rating, and should **NEVER** be used on a hand held chain saw. This includes experienced professionals.



MADSEN'S is the largest Oregon® dealer for professional products in America. Our volume allows us to keep a large inventory of professional saw chain which insures we have the style you need, when you need it. Better yet - our buying power allows us to maintain the most competitive prices in the industry.



Chain Loop Pricing. If you prefer to buy chain by the loop, ask about our *two-for-the-price-of-one* deal. With this deal, you get two loops for the suggested list price of one. If you need two different chains, you pay suggested list price for the most expensive one and you get the second one free. We offer this on most saw chain, except harvester chain. Even long chains qualify. Need a couple chains for your 60" bar? No problem. Just ask for the *two-for-one* deal and get a second 60" chain free.



Chain Loops at Bulk Pricing. Buying chain by the roll saves money. Bulk chain is available in 100', 50', and 25' rolls - the best buy is the 100' rate. The problem with bulk chain is you may not have the tools for cutting and splicing - or you may not have time to mess with it. We can help. If you like our bulk prices, but prefer to buy your chain made into loops, we will cut them for \$2 per loop on most types. You can't beat a deal like that. One thing to remember is when we cut chain into loops for you, it is not returnable, so be sure you tell us the correct link count for your application.



Chain Reel Pricing. We don't print prices in this guide because chain prices tend to fluctuate. We've been buying chain for years and have learned to buy a ton of it when the price is low. When we make a good buy on chain, we pass the savings to you. So keep an eye out for sale flyers in your mail box. Also, watch for our ads in *Logger's World Magazine*. Need to know the price today? Give us a call.... You'll be glad you did.



Service. MADSEN'S specializes in the needs of professional chain saw users. We can help you select, maintain, and maximize the performance of your professional saw chain. We are chisel chain experts and can help you set up your grinder or answer your questions about this high performance saw chain. We are also available to answer questions about saw chain safety, kickback, and the ANSI standards. Give us a call or stop in. We are always happy to help.

Professional Saw Chain

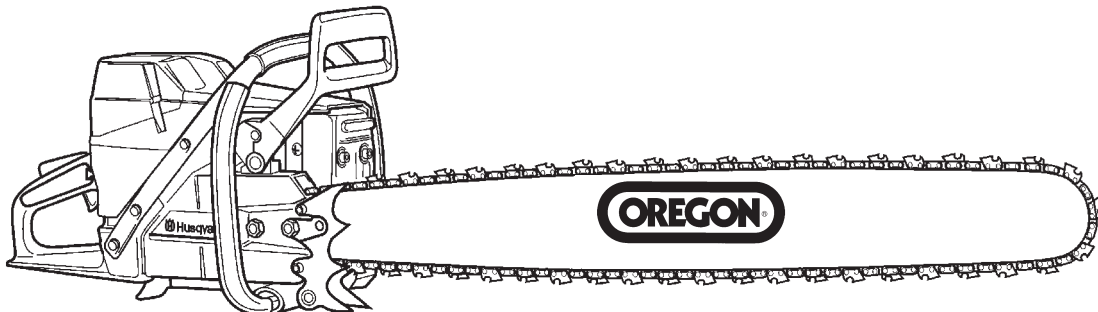


On the chart below, the columns listing best motor size and best bar length are suggestions only. Certain applications and uses may call for another size or type. Please call if you have questions. Professional saw chain is our business. We can help.

Chain Type	Pitch	Gauge	Tooth Type	Cutter Grind	Chain Configuration	Best Saw Engine Size	Best Saw Bar Length
#91VXL	3/8" LP	.050"	semi-chisel	round	standard	30 to 35cc	14" arborist saw
#72DG	3/8"	.050"	semi-chisel	round	standard	65 to 100cc	less than 32"
#72DP	3/8"	.050"	semi-chisel	round	standard	65 to 100cc	less than 32"
#72LPX	3/8"	.050"	chisel	round	standard	65 to 100cc	less than 32"
#72LGX	3/8"	.050"	chisel	round	standard	65 to 100cc	less than 32"
#72CL	3/8"	.050"	chisel	square	standard	80 to 100cc	less than 32"
#72CLX	3/8"	.050"	chisel	square	standard	80 to 100cc	less than 36"
#72CK	3/8"	.050"	chisel	square	semi skip	80 to 100cc	less than 36"
#72CKX	3/8"	.050"	chisel	square	semi skip	80 to 100cc	less than 36"
#72CJ	3/8"	.050"	chisel	square	full skip	80 to 100cc	less than 36"
#72CJX	3/8"	.050"	chisel	square	full skip	80 to 100cc	28" to 36"
#72JGX	3/8"	.050"	chisel	round	full skip	65 to 100cc	28" to 36"
#72JPX	3/8"	.050"	chisel	round	full skip	65 to 100cc	28" to 36"
#75CL	3/8"	.063"	chisel	square	standard	65 to 100cc	less than 32"
#75CLX	3/8"	.063"	chisel	square	standard	80 to 100cc	less than 36"
#75CK	3/8"	.063"	chisel	square	semi skip	65 to 100cc	28" to 36"
#75CKX	3/8"	.063"	chisel	square	semi skip	80 to 100cc	28" to 42"
#75CJ	3/8"	.063"	chisel	square	full skip	65 to 100cc	28" to 36"
#75JGX	3/8"	.063"	chisel	round	full skip	65 to 100cc	28" to 36"
#27A	.404"	.063"	micro-chisel	round	full skip	80 to 120cc	32" to 50"
#68CL	.404"	.063"	chisel	square	standard	80 to 120cc	28" to 36"
#68CJ	.404"	.063"	chisel	square	full skip	80 to 120cc	28" and up

IMPORTANT INFORMATION - WARNING

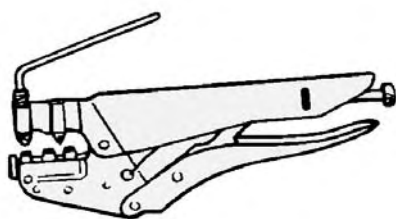
- All saw chain listed above should only be used by experienced chain saw professionals with experience, and specialized training for dealing with kickback. This chain is very aggressive and has a high kickback rating. None of it is ANSI approved on saws less than 3.8 cubic inches (62 cc).
- Chains and bars designed to minimize kickback potential are available. These meet the ANSI standard and should be used on saws with motors less than 3.8 cubic inches (62 cc) or on any saw that is consumer directed (nonprofessional use). Please call for more information.



Break-N-Mend

The BREAK-N-MEND is a handy tool for doing chain repairs on the job. When you carry this tool in the crew bus, you can repair or shorten saw chain right in the field.

It is also handy for making up new chains from a reel. No work bench or extra tools are required. Its adjustable anvil section and spinner head will accommodate saw chain from $\frac{1}{4}$ " to .404" pitch.



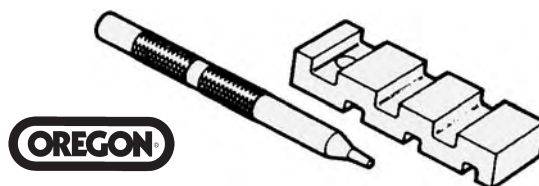
List Price ~~52⁹⁵~~
MADSEN'S 40⁹⁵

Chain Breaker

The POCKET CHAIN BREAKER is our least expensive chain breaker. This punch and anvil set is a must for every home saw repair bench.

The anvil has a number of slots for accommodating $\frac{1}{4}$ ", low profile $\frac{3}{8}$ ", .325", $\frac{3}{8}$ ". and .404" pitch saw chain. The anvil must be used on a solid surface. A hammer is also required.

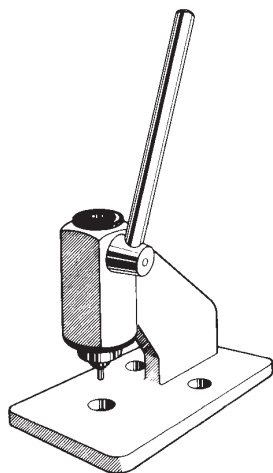
If you have a bench grinder, it is helpful to remove part of the rivet head prior to punching with this tool. This makes it much easier to punch out the rivets.



List Price ~~17⁹⁵~~
MADSEN'S 11⁶⁵

Bench Mount Chain Breaker

The BENCH MOUNT CHAIN BREAKER is what we use to break chain in our shop. It works on most sizes of saw chain from $\frac{1}{4}$ " to .404" pitch, including harvester chain.

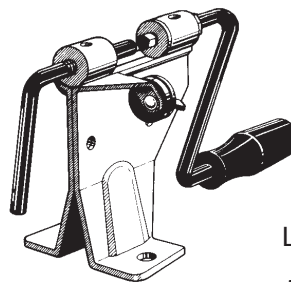


Mount this on your work bench and mark the link counts you cut most often. If you make up a lot of chains or do a lot of repairing, you will wonder how you ever got along without it.

List Price ~~82⁹⁵~~
MADSEN'S 58⁹⁵
 Extra Punch Bit **5⁵⁰**

Bench Mount Rivet Spinner

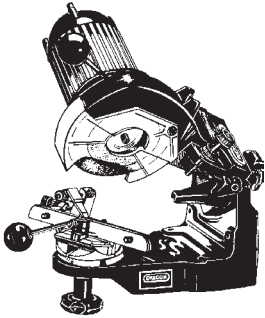
The BENCH MOUNT RIVET SPINNER is used to join saw chain. The spinner makes a strong joint by shaping rivet heads on pre-set tie straps. Included is the spinning head necessary for riveting most types of $\frac{3}{8}$ " pitch saw chain. Ask about other chain sizes.



This is a complimentary tool to the bench mount chain breaker shown on the left. It is the other half of a complete chain repair outfit.

List Price ~~82⁹⁵~~
MADSEN'S 58⁹⁵
 Extra Spinner Bit **5⁵⁰**

Electric Saw Chain Grinder

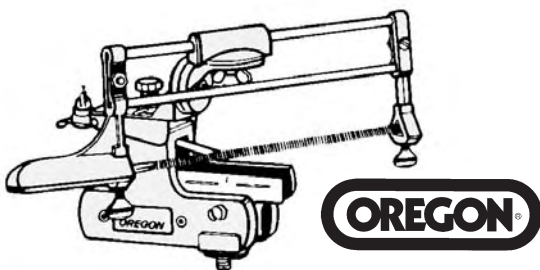


The ELECTRIC SAW CHAIN GRINDER is a round chain grinder built for saw users who sharpen many chains. It is easy to use and can sharpen $\frac{1}{4}$ ", .325", $\frac{3}{8}$ ", and .404" round saw chains.

The grinder comes boxed and ready to assemble. Once assembled, it easily bolts to a bench or stand and plugs into a standard 110v outlet. For an additional \$39.95 we will assemble it and give you up to one hour of personal instruction in our shop on how to use it. This is suggested if you are new to grinding saw chain.

List Price ~~429⁹⁵~~
MADSEN'S 339⁰⁰

Pro File Guide

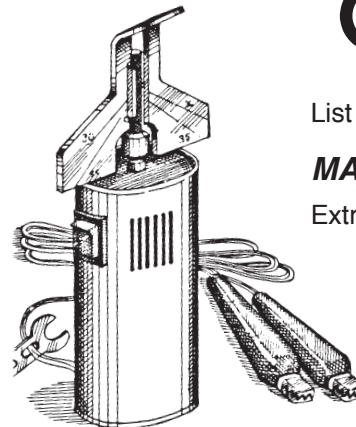


With the PROFESSIONAL FILE GUIDE, you don't have to remove the saw chain from the bar to sharpen it. With a few twists of the thumb screw, this guide clamps on the cutting attachment and accurately holds filing angles you select. It is adjustable on each axis and will fit file sizes from $\frac{5}{32}$ " to $\frac{7}{32}$ ". A file is not included.

List Price ~~53⁹⁵~~
MADSEN'S 36⁹⁵

12 Volt Electric Chain Sharpener

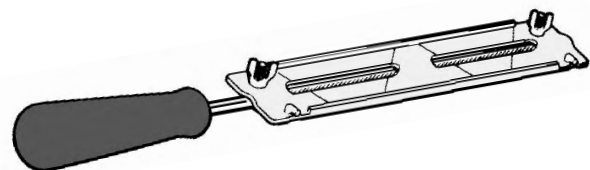
The ELECTRIC SAW CHAIN SHARPENER offers speed and convenience. This 12 volt grinder can be attached to a car or truck battery for easy chain sharpening in the field. Bit sizes are available in $\frac{5}{32}$ ", $\frac{3}{16}$ ", $\frac{7}{32}$ ", and $\frac{1}{4}$ ".



List Price ~~79⁴⁸~~
MADSEN'S 53⁹⁵
 Extra Grinding Bits **2⁴⁵**



File Guide



The FILE GUIDE helps maintain the optimum sharpening angles when hand filing. It is especially helpful in keeping the file at the correct height. The guide is good for both a beginner or experienced filer who touches up his chain in the field. Each guide comes with a file. Please specify size when purchasing.

List Price ~~13⁹⁹~~
MADSEN'S 9⁹⁵



File-O-Plate



The FILE-O-PLATE is a simple tool that allows you to lower depth gauges the exact amount through the entire life of your chain. It also helps keep a proper angle and the depth when sharpening with a round file.



The File-O-Plate is available in $\frac{3}{8}$ " or .404". Please specify when ordering.

List Price ~~5⁹⁵~~
MADSEN'S 4⁹⁵

Depth Gauge Tool



You know how important it is to have a smooth, fast cutting chain. It's also important that the chain cut straight. All of this is impossible if the rakers are not properly maintained.

The PRESET RAKER GAUGE helps you file your rakers to the correct height. It is available in .025", .030", and .040".

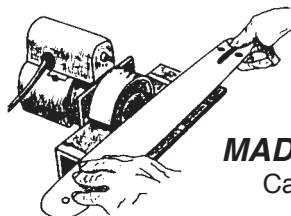


List Price ~~4⁰⁰~~
MADSEN'S 2⁷⁵



Bar Rail Grinder

The SILVEY BRG is a perfect tool for fitting new tips and keeping your bar rails true. It can easily be mounted to a bench or clamped in a vice. It features a fan cooled electric motor and has safety shielding around the grinding wheel.

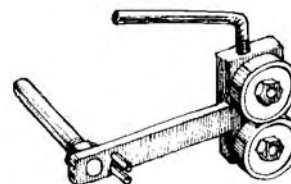


MADSEN'S PRICE
 Call for Price and Availability
 Extra Stone **17⁹⁵**



Bar Rail Closer

The SILVEY BRC works quickly and easily on worn or spread bar rails. It's fully adjustable and will work on bars of any size. The heavy duty ball bearings used on the BRC insure accuracy and long wear. Made in the USA.




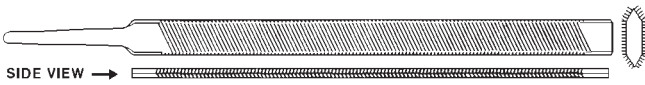
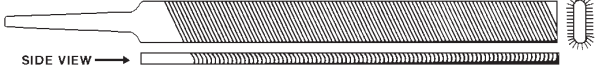






MADSEN'S PRICE 29⁹⁵



Chain Saw Files

MADSEN'S carries premium grade files made in Europe by Viiala. Premium grade files may cost more, but they deliver excellent value because they cut well and last a long time.

Size - Type - Description	List Price	MADSEN'S PRICE		
		1-11 ea	12-35 ea	36+ ea
5/32" to 1/4" round chain or gullet files 	2⁵⁹	1⁹⁹	1 ²⁵	1 ¹⁵
5/16" round file for 3/4" pitch (#11BC) P & D or harvester 	10⁹⁵	3²⁵	2 ⁶⁹	2 ⁴⁵
7" premium three corner chisel chain file 	11⁸⁹	9⁴⁹	8 ⁴⁹	7 ⁹⁹
7" premium double bevel chisel chain file 	11⁸⁹	9⁴⁹	8 ⁴⁹	7 ⁹⁹
6" premium goofy flat chain or general purpose file 	7⁹⁹	5⁹⁹	5 ³⁹	4 ⁸⁹
6" premium flat raker or rider file 	4⁹⁹	4¹⁹	3 ⁵⁹	3 ²⁹
8" premium flat axe or general purpose file 	8⁹⁹	6⁹⁹	6 ⁴⁹	5 ⁸⁹
10" premium flat axe or general purpose file 	11⁹⁹	8⁹⁹	7 ⁹⁹	7 ²⁹
	1²⁵	69¢	59¢	

HI- IMPACT PLASTIC FILE HANDLES are made to fit the small tails on most chain files. They are tough and durable because they are made by the same folks that make Double Taper falling wedges.

How to Minimize Cutting Vibration on a Pro Saw

A saw that vibrates excessively causes your hands to tingle and your elbows to ache. It also adds to fatigue, reduces productivity, and increases the "work" of running a pro saw. But for a pro saw user, excess cutting vibration can be more than an irritating cutting characteristic. It can cause long term injury.

For pro saw users, the risk of injury from vibration is higher than it is for a non-professional user because you run a saw for a long period of time and do it almost every day. Excess vibration is also something you may have gotten used to or are no longer sensitive to. But beware, what you may have gotten used to can still harm you. Veteran timber fallers often develop circulatory problems in their hands, such as numbness and painful sensitivity to heat and cold.

Vibration is not good for your saw engine either. It leads to premature bearing failure, and increases component failure due to cracking and fatigue. It also rattles parts loose, which leads to damaged mounting points and stripped fasteners.

What Causes Vibration

On a pro saw, vibration is caused by two things: engine vibration and cutting vibration. Engine vibration is largely the domain of saw manufacturers. They work to reduce the levels of engine vibration by developing engines that are better balanced and smoother running. Other than choosing to run a new saw engine over an earlier

model, and maintaining a saw's engine and AV system, a pro saw user has little control of a saw's engine vibration.

Cutting vibration is different. It is caused by the action of the saw's chain's cutter teeth as it severs wood fiber. Like engine manufacturers, chain producers have developed saw chain that vibrates less, too. But even with these improvements, a saw's operator plays a bigger role in managing his saw's cutting vibration.

Uneven and Over-Cut Depth Gauges

There is no single cause of rough cutting saw chain, but there are a number of mistakes many pro saw users make. The most common is over-cut depth-gauges. Overly aggressive chain takes bigger bites of wood than it is designed for. In the process, cutting vibration increases. Many pro saw users don't realize the "hungry" feel of an overly aggressive saw chain also causes it to vibrate more than it should.

Much of the time, when we see depth gauges that are over-cut, they are often also unevenly-cut. Since depth gauges control the amount of wood each cutter tooth takes, when they are uneven, each cutter tooth cuts a different amount of wood. This causes some cutter teeth to pull harder than others -- a recipe for vibration.

Uneven depth-gauges are usually the result of sloppy measuring. Some users count-

ing file strokes as a method for measuring how much depth gauges are being cut. The problem is, each file stroke does not remove the same amount of depth gauge material. Measuring by counting file strokes may seem to work when a chain is new, but after the depth gauges are cut several times, this is not the case. The inaccuracy adds up and the depth-gauges are uneven.



Shown is a depth gauge that is cut too low. Also notice it was not reshaped after it was lowered.

Each depth-gauge should be measured and set accurately when it is lowered. Yes, this is tedious, but it is important. This is why many pros employ a depth-gauge grinder like the Silvey HDG-6. This makes cutting depth gauges much easier. Once set up, a hand crank advances the chain past the grinding wheel, quickly and easily cutting its depth-gauges in the process.

Other Causes Of Cutting Vibration

Unevenly sharpened cutter teeth can also cause vibration. All cutter teeth must be the same length, filed at the same angle, and all be sharp. Again, for saw chain to cut smoothly, it is important for every cutter tooth to take the same size bite

of wood. Anything that causes individual teeth to take different sized bites can cause vibration.

How Sequence & Pitch Affects Cutting Vibration

Most pro saw users who cut large softwood trees in the Northwestern US and Alaska, typically run long bars -- 32" and longer. These long guide bars are usually fitted with skip-tooth saw chain. While this combination works well when a long bar is immersed in a big log, skip-tooth sequence is more prone to cutting vibration. The additional space between cutter teeth improves its cutting performance in long cuts, but this also makes skip-tooth chain vibrate more. This characteristic is pronounced when cutting limbs and making other small diameter cuts. This is why, in these cases, it is best to run a full compliment saw chain, even in combination with a long bar.

Another common mistake we see is users running skip-tooth chain on bars lengths of 24" and less. With these shorter bars, it is not possible to make a deep enough cut for a skip-tooth configuration to offer any benefit. Other than having fewer teeth to sharpen, the use of skip-tooth chain on a short bar will cut slower and cause more cutting vibration than a full-comp configuration. So on bar lengths of 24" or less, full-comp chain always the best choice.

Along with a chain's configuration, pitch makes a difference, too. We have noticed that main bearing problems occur more frequently on saws running .404" pitch than saws of the same model running 3/8" pitch.

We attribute this to vibration. Since 3/8" pitch saw chain is a little smaller it generally runs smoother.

Today's Saw Chain Vibrates Less

There is an ongoing effort among today's saw chain manufacturers to reducing the cutting vibration of saw chain. Oregon Cutting Systems, for one, has developed special tools for measuring cutting vibration, and has used them to develop products that vibrate less.



Shown is a cutter with a new heel shape which transfers less vibration into the guide bar.

Their Vibe-Ban technology is a result.

Without getting too technical, Oregon engineers found that by removing a small amount of material from the base of each cutter tooth and its adjacent tie strap, the heel of each cutter will "float" above the rails on the guide bar. On earlier designs, when a cutter tooth impacted the wood, it released a jolt of energy into the guide bar. A small space between each cutter's heel and the bar rail, creates a "shock absorber" that dissipates much of the energy that used to go into the bar. Tests show it reduces cutting vibration by 25% or more.

They have found other ways to reduce cutting vibra-

tion. These, too, are being incorporated into the newest chain designs. By reducing cutting vibration, saws perform better and operators are more comfortable and productive.

Our Advice

- Check the depth gauges on your saw chain. Make sure they are set at the proper height and set evenly. If they need to be lowered, don't over-do it.
- Round the fronts of your chain's depth gauges after you lower them. Try to return them to their original shape.
- Sharpen your cutter teeth accurately. Maintain the correct angles and keep all cutter teeth the same length.

- If you run bar of 24" or less or cut a lot of limbs or small diameter trees, use full-comp saw chain. This is the smoothest and fastest cutting sequence for making short cuts.

Conclusion

If your saw has excess cutting vibration, hopefully this information helps you overcome it. As always, if we can help, please contact us. We don't have all the answers, but we do have a lot of experience. On top of this, we can involve a host of technical experts if need be. So contact us if you have a question or problem with your pro saw chain. Our experience and resources are here for you... That's why we're the pro's choice.



Quality Pro
Saw Chain

Chisel Chain Grinder

The PRO SHARP is SILVEY'S top of the line chisel grinder. It is designed for the chain saw professional who demands top performance from his saw chain.

The PRO SHARP enables the user to accurately tune his saw chain, and offers a level of grinding precision never before available. In addition, its revolutionary design eliminates common problems normally associated with grinding chisel chain. Experts agree – the ultimate square grinder is a SILVEY PRO SHARP.

Pro Sharp Features

- A patented carriage that automatically adjusts for wheel wear
- Single carriage design that eliminates carriage switching during the grind
- A patented adjustment mechanism for inner angle control
- Dual patented "faultless" chain stop pawls and multi axis support for perfect indexing
- A lengthened feed slide for smooth operation
- A patented angle adjustment for precision accuracy between left and right cutters
- Adjustable diamond tip dressers and slide adjustments for maximum wheel shape control
- A special wedge designed into the carriage that keeps the corner of the tooth in line with the grinding wheel as you feed
- A standard socket flex mounted work light
- A collapsible three legged mounting stand

\$ Please call for price and more information.

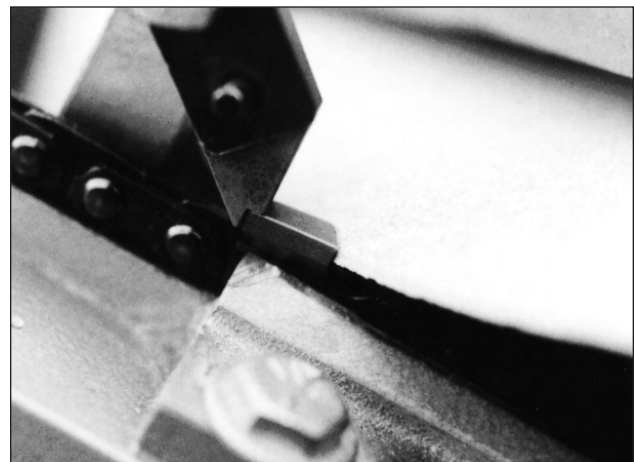
If you plan to visit our store for a demonstration, please bring in a chain that was ground on your grinder or one that you would like to match. It helps us show you how to tune the grinder for your needs.

Pictured right: A chisel chain being ground on a PRO SHARP grinder. Note the "faultless" stop pawl and positive indexing features.

SILVEY
Pro Sharp



Grinder type: **Chisel Cutter Tooth Square Grinder**



Serious timber fallers have one thing in common. They use SILVEY chisel chain grinders! And the model most fallers use is SILVEY's mid-priced grinder, the SDM-4.

Over the last two decades, the SDM-4's reputation for quality and durability has made it an industry standard. In fact, when people think of a "Silvey," they think of the SDM-4.

The SDM-4 is a good choice for an experienced grinder operator who wants to move up to a better machine. It is also a good choice for a beginner looking for his first grinder. This is a good mid range chisel grinder that has been satisfying professional saw users at all levels for years.

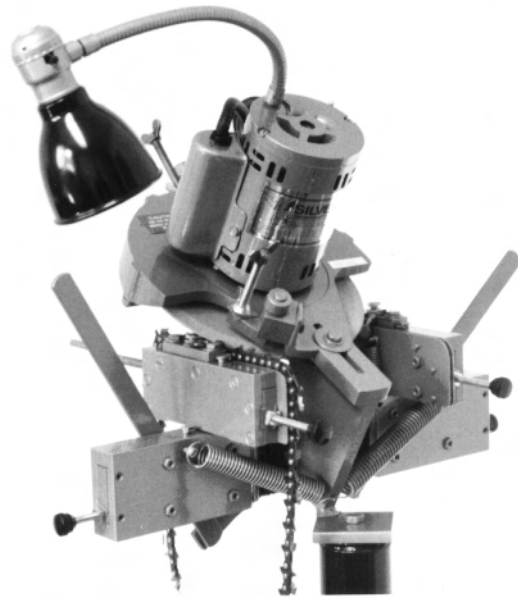
SDM-4 Features

- A reversible motor that keeps chrome edges clean and the grinding burr on the inside of the cutter tooth
- Adjustable diamond tipped wheel dressers
- Twin chain holding and feed mechanisms
- A patented slide design that keeps tooth angles constant throughout the life of the cutter tooth
- Adjustable motor mount slide to compensate for wheel wear
- Finger lock hold down pin for improved indexing
- Flex-mounted standard socket work light for easy angle viewing
- Threaded feed crank for smooth tooth advancement
- Adjustable tolerance gibs and seals on the slide

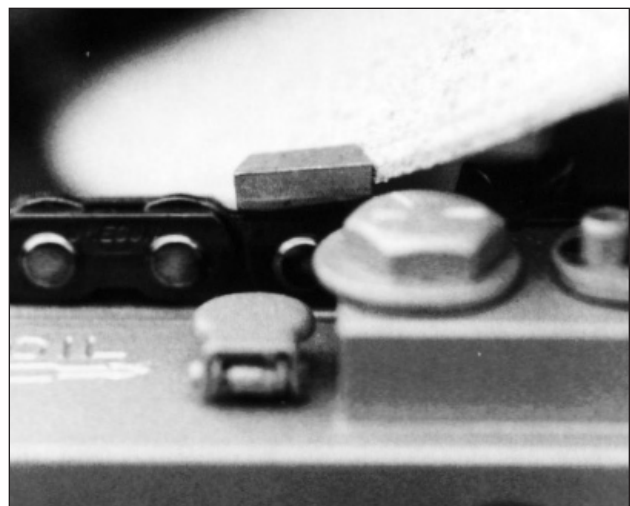
\$ Call for price and more information.

Pictured right: A chisel chain being ground on a SDM-4 grinder. Note the visible corner on the cutter tooth and working corner on the stone. This grinder is easy to use and adjust for perfect cornering.

SILVEY
SDM-4



Grinder type: **Chisel Cutter Tooth Square Grinder**



Chisel Chain Grinder

The RAZUR SHARP II is easy to use, adjust, and maintain. It is also one of the most economical square grinders on the market. Many pro saw users learned to grind chisel chain on this grinder and a good number still depend on it to sharpen their chains everyday.

The RAZUR SHARP II remains one of our best selling chisel chain grinders. The reason is, it rates high when its cost is compared to its performance. Although it is "value priced," it shares a number of features found on more expensive grinders.

Razur Sharp II Features

- A reversible motor that keeps chrome edges clean and the grinding burr on the inside of the cutter
- A linear sliding, twin chain holder providing positive and smooth feed
- Adjustable diamond tipped dressers and slide adjustments that allow the grinder to be set up with the angles you want
- A fast and naturally positioned feed arm that allows chains to be ground quickly and accurately
- Two sturdy indexing pawls
- An adjustable tripod stand
- A flex mounted work lamp

\$ Call for price and more information.



See this and other Silvey grinders being used in a short video available on our web site at <http://www.madsens1.com>

Pictured right: An Oregon® chisel chain being ground on a RAZUR SHARP II grinder. Note the sturdy index pawl and simple chain holding mechanism.



Razur Sharp II



Grinder type: **Chisel Cutter Tooth Square Grinder**

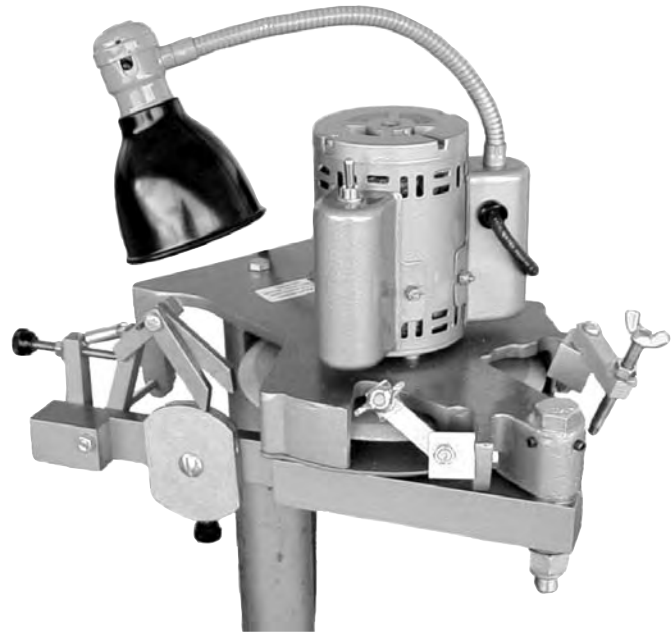


The SWING ARM is SILVEY'S entry level chisel chain grinder. This simple and proven design is based on an old favorite, the Silvey Razur Sharp 1. This was one of the first "economy" square chisel grinders ever produced. But this isn't just an old grinder that came back to life, it has been improved with a modern motor and a new adjustable chain holding mechanism.

If you are a cost conscious user who is filing your chains or paying to have them ground, you will find it is an unbeatable value.

Swing Arm Features

- A reversible motor that keeps chrome edges clean and the grinding burr on the inside of the cutter
- A sturdy swing arm with a needle thrust bearing pivot
- Adjustable diamond tipped dressers and slide adjustments that allow the grinder to be set up with the angles you want
- An adjustable chain holding mechanism for easy angle adjustment and tooth wear compensation
- Two sturdy indexing pawls
- An adjustable tripod stand
- A flex mounted work lamp



Grinder type: **Square Ground Chisel Cutter Tooth Grinder**

\$ Call us for price or for more information.

If you are able to visit our store, please call to set up a demonstration. Be sure to bring along one of your chains for an example. Show us what you like about it and what you want to change. This helps us help you.

Pictured right: An Oregon® chisel chain being ground on a SWING ARM grinder. Note how easy it is to see the corners.



Round Grinder for Saws & Harvesters

Among loggers and timber fallers, SILVEY is well known for producing high quality chisel chain grinders and tree jacks. Did you know they offer professional round grinders?

SILVEY's family of round grinders has models for nearly every round chain sharpening application. Whether you are grinding chain for chain saws, .063 or .080 harvesters, or the large 3/4 pitch pond and deck chain, there is a model for you. The best part is they are all built to the same quality standards you've come to expect from SILVEY.

The SILVEY 510 is capable of sharpening all types of round saw chain in pitches 1/4", .325", 3/8", and .404". It is the most versatile of all the round grinders. It can even sharpen .063" gauge harvester chain. A kit is available to adapt the SILVEY 510 to grind .080" gauge harvester chain which includes an additional vise that accepts the thicker .080" chain.

The SILVEY 510-080 is similar to the 510 but is set up for grinding .080" gauge harvester chain only.

The SILVEY P & D is built for grinding 3/4" pitch (OREGON #11BC & #11H) pond and deck saw chain. Although this chain was developed for machinery used around mill ponds, it has recently become popular on some harvesters. The P & D is similar to the 510 but has a larger vise, indexing mechanism, wheel dresser, and special grinding wheel.

SILVEY Round Grinder Features

- A mounted wheel dresser
- A reversible direct drive ball bearing motor
- Adjustments for height and angle
- A standard socket flex mounted work light
- Balanced constant centered wheel design

\$ Call for price and more information.

Pictured right: A round chain being ground on a 510 grinder. Note the "faultless" stop pawl and positive indexing features.



510

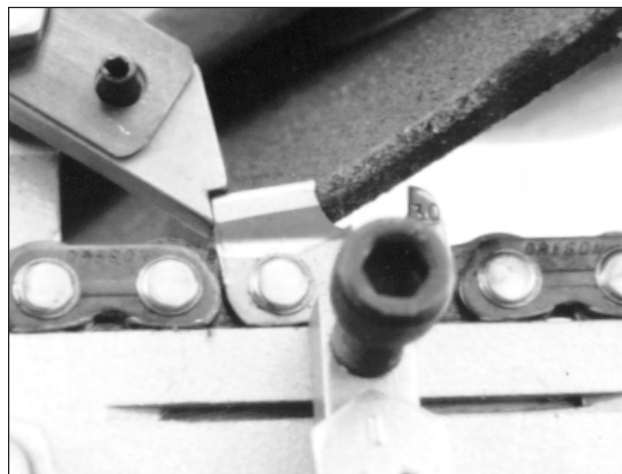
For Chain Saws and
.404" Pitch Harvesters

P&D

For 3/4" Pitch Pond &
Deck Saws or Harvesters



Grinder type: **Round Tooth
Cutter Grinder**



The HDG-6 is a perfect companion to any SILVEY chisel chain grinder. The HDG-6 relieves you of the tedious task of filing your depth gauges. Not only does the HDG-6 do the job easily, but its precise grinding ability makes for the smoothest cutting chains you've ever run. The best part is, you will grind your depth gauges more often because it is so easy to operate.

How It Works

A turn of the hand crank moves the chain, while a cam lever riding on the surface of the chain raises and lowers the grinding head. The cam mechanism lifts the head over cutter teeth but not depth gauges. Depth gauges contact the grinding wheel and are ground to a preset level. Presetting the grinding head is a simple procedure done with two thumb screws. Once the head is set, turning the crank produces perfectly ground depth gauges. The first time you see the HDG-6 grind, you'll ask yourself, "Why have I filed depth gauges for so long?"

An optional attachment is available for grinding gullets. Although this function requires manual tilting of the head, it is easier than removing gullets with a file. All you have to do is mount the chain in the opposite direction, set the stop, adjust the head, and you're ready to cut gullets.

HDG-6 Features

- A wheel height knob for setting depth gauge height (marked in .005" increments)
- A long wearing six inch dressing wheel that requires no dressing
- An adjustable chain tension assembly for accommodates both short and long chains
- A sturdy tripod stand
- An optional stop pawl assembly that allows the HDG-6 to function as a gullet grinder. Call for more information on this procedure.

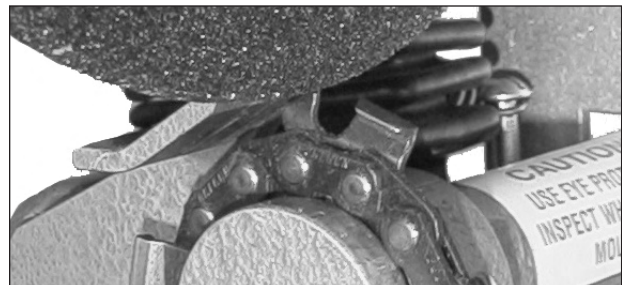
\$ Call for price and more information.

Pictured right: A depth gauge being ground on an HDG-6 grinder.

SILVEY
HDG-6



Grinder type:
**Depth Gauge
Grinder**



Grinding Wheels for Chisel Chain Grinders

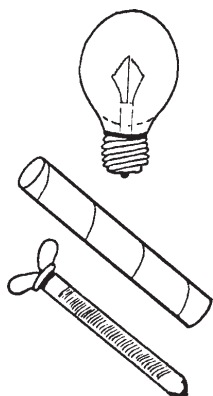


These grinding wheels are for sharpening square-ground chisel saw chain. The characteristics listed represent the collective opinion of our customers and staff. All wheels are 8" X 1" X $\frac{3}{16}$ ". If your grinder does not have a 1" arbor, see the listing for adapter bushings on the next page.

Part #	Color	Hard/Soft Bond	Bond Type	Grit Size	MADSEN'S PRICE	
					1-9 ea	10+ ea

Grinding Wheels for Chisel Grinders:

#M21	grey	medium-soft	vittrified	120	15⁵⁰	14⁵⁰
• This wheel dresses easily and removes material quickly. It doesn't hold its shape as well as harder wheels, but It remains one of our best selling wheels.						
#M21W	grey waxed	medium-soft	vittrified	120	16⁵⁰	15⁵⁰
• This wheel is similar to the wheel above, but it is impregnated with wax for lubrication and cool grinding. Like the wheel above, it produces a good finish on cutter teeth, but it is not as popular.						
#M47	salmon	medium	vittrified	100	15⁵⁰	14⁵⁰
• This wheel shapes and finishes cutter teeth well. It doesn't remove material as fast as softer wheels above. It is also one of our best selling wheels.						
#M50	white	medium	vittrified	100	15⁵⁰	14⁵⁰
• This wheel is similar to the wheel above. Some grinder operators say its white color makes it easier for them to see the corner in the wheel, which improves their ability to align corners.						
#M49	brown	medium	resinoid	80	16⁵⁰	15⁵⁰
• This wheel removes material easily and quickly, however it doesn't finish or shape as well as others. It is a good wheel if you have to grind a lot of chains each night or if you regularly sharpen rocked chains.						
#M99	blue	medium	vittrified	100	35⁵⁰	32⁵⁰
• This is our only ceramic blend wheel. It keeps its shape and finishes cutter teeth very well. It is an excellent wheel and many grinder operators prefer it, but it is also the most expensive.						



Grinder Accessories

Part Description	List	MADSEN'S
regular socket light bulbs	2⁵⁰	1⁹⁵
tube grinding wheel wax	12⁹⁵	10⁵⁰
single-point diamond tipped dresser	34⁹⁵	24⁹⁵
multi-point diamond tipped dresser	34⁹⁵	24⁹⁵
wheel dressing brick	15⁵⁰	15⁵⁰

Other Grinding Wheels



Listed below are our best selling grinding wheels, but we carry other wheels including many Silvey OEM wheels not listed. If you have an older Silvey or Oregon chain grinder not shown, we can probably supply you with a replacement grinding wheel. Please ask for help if you need assistance choosing a wheel for your grinder.

Part #	Description	Bond	MADSEN'S PRICE	
			1-9 ea	10+ ea

Grinding Wheels for Round Grinders:

#M45	for most round grinders	vittrified	16⁵⁰	15⁵⁰
• This wheel is 6" X 1" X 3/16". It works for most .325", 3/8" and .404" pitch round chain. It is a coarse grit wheel and will remove dull material with minimal burning.				
#M32	for most round grinders	vittrified	16⁵⁰	15⁵⁰
• This wheel is similar to the wheel above, but sized 6" X 1" X 1/8". This thinner wheel works for most low profile 3/8" and 1/4" pitch round chain.				
#M316	for an OREGON or EFCO round grinder	vittrified	14⁵⁰	13⁵⁰
• This wheel is 5 3/4" X 7/8" X 3/16", the best size for sharpening 3/8" chain on these grinders. We also stock them in 1/8", 1/4" and 5/16" for sharpening other size chains. Please call for more information.				
#M832	for a SILVEY 510 round grinder	resinoid	18⁵⁰	17⁵⁰
• This wheel is 5/32" thick, a good size for sharpening 3/8" chain on this grinder. We also carry these in 1/8" thickness for sharpening low profile 3/8" chain and .325". Please call for more information.				
#M49	for a SILVEY 510 round grinder	resinoid	16⁵⁰	15⁵⁰
• This wheel is 8" X 1" X 3/16". It works great for grinding 3/8" or .404" pitch round saw chain or .404" harvester chain. It also works on the SILVEY #510-080 harvester chain grinder.				
#M516	for a SILVEY P & D grinder	resinoid	23⁹⁵	22⁹⁵
• Similar wheel to the #M49, but 5/16" thick, the best size for sharpening 3/4" pitch chain; It is good for sharpening chain for both pond & deck saws or for 3/4" pitch harvesters.				

Grinding Wheels for Depth Gauge Grinders:

#SG6	for a SILVEY HDG-6	resinoid	13⁵⁰	12⁵⁰
• This wheel is made especially for the HDG-6 grinder. It's size is 6" X 1" X 3/16".				

Grinding Wheels for Bar Rail Grinders:

#BR312	for a SILVEY Bar Rail Grinder	resinoid	17⁹⁵	
• This wheel is made especially for the SILVEY BRG grinder. It's a special 3.5" cupped wheel.				

The Nielsen, Bell, Stihl, and some other grinders have a 1/2" arbor. Most of the wheels listed on these pages have a 1" diameter arbor hole. A bushing is necessary to use one of these wheels on a grinder with 1/2" arbor. Cost is only \$2 and it is reusable.



The high value of timber makes broken logs and damaged trees expensive. Working on steep ground and meeting environmental requirements create additional challenges. Jacking is often the only way for today's timber fallers to get their job done.

SILVEY developed a ram unit jack because much of today's timber is harvested before it gets to "old growth" size. No one likes to pack a sixty pound set of jacks through the woods, but beating on a stack of wedges is no picnic either. A Hi-Jacker is the answer when the brute force of a pack-style jack is not needed. Its compact and light-weight design makes it easy to carry, while its small size makes cutting a seat for it quick and easy.

Hi-Jacker Benefits

SILVEY ram units are self contained. The ram, pump, and oil reservoirs are contained in one unit. Their components are not coupled together with hoses like a pack style jack. This means there are no fittings to keep clean or hoses to maintain.

Without hoses, this all-in-one design allows ram units to operate at higher internal pressures. This high pressure is the secret to their super lifting power. As a result, on a pound per pound comparison, SILVEY ram units are the most powerful jacks on the market.

The Hi-Jacker replaces SILVEY'S earlier Feather-Weight jack and represents the newest self-contained tree jack design. The Hi-Jacker is an impressive tool. Its lifting capacity is 17 tons more than the Feather-Weight and it lifts 1/2" higher.

Application

The Hi-Jacker is our best selling tree jack. While it doesn't have the brute force of a Tree Saver, it is ideal for working in today's smaller trees. It offers plenty of lift for most second growth cutting jobs, yet it is light, compact, and easy to carry.

Tree Jack



Hi-Jacker™ Self-Contained Ram Unit

Lift Capacity:	45 Tons
Lift Height:	4"
Cylinder Diameter:	3"
Pack Weight:	27 lbs
Oil Capacity:	1 Pint
Hose Length:	No Hoses Needed



Pictured Above: A SILVEY Ram Unit jack in the face of a second growth tree. A few pumps on the handle and this tree fell right where it was supposed to.

\$ Call for price or more information. We stock parts and repair items for SILVEY jacks, too.

SILVEY is well known for chain grinders, but they were also early to develop hydraulic jacks made for lifting trees or tree jacks. Not long after they patented their first grinder, they began work on a tree jack. Early on, timber fallers used steel bottle jacks (truck jacks) for lifting big trees, but these were heavy and hard to carry. Once again, they put machine tools to work and developed a set of jacks. Using light weight material, their jacks lifted more than most bottle jacks, and were a fraction of their weight.

SILVEY Back Pack Features

All jacks feature a pressure gauge and safety bleed down valve. By monitoring the pump's internal pressure, the user knows the lifting force being applied to the tree. This is important because if the jack's capacity is exceeded, a safety valve will open, and hydraulic pressure will bleed down to reduce the risk of hose failure.

The jack can be used with one ram for small trees and quickly recoupled with both rams for full capacity lifts. Easy-to-connect fittings on the components make this possible. When additional lift is required, up to four rams can be quickly coupled to a single pump unit.

The pump body serves as a pack frame and has shoulder straps on the front panel. Rams nest on ledges in the panel and are held in place with elastic straps for "one trip" carrying. With the jack assembly on your back, your hands are free for balance or for carrying additional items.

Application

Pack style jacks are designed for use in big wood. Several years ago, the Tree Saver was our biggest seller, but the size of today's timber has made the Little Feller a popular choice, too. Tree jacks that use multiple rams can evenly spread their lifting force and their larger size can lift more weight and lift it higher than any other jack. There is simply no other tool that works better for jacking big trees.

SILVEY Tree Jacks



Above: A set of jacks with the rams separated from the pack.

Left: A set of jacks ready to carry into the woods.

Tree Saver™ Back Pack Pump w/Two Rams

Lift Capacity:	125 Tons
Two Rams@	62 Tons
Lift Height:	5 $\frac{5}{8}$ "
Cylinder Diameter:	4"
Pack Weight:	59 lbs w/Two Rams
Oil Capacity:	One Gallon
Hose Length:	10' Standard 25', 50', 100' Optional

Little Feller™ Back Pack Pump w/Two Rams

Lift Capacity:	70 Tons
Two Rams@	35 Tons
Lift Height:	4"
Cylinder Diameter:	3"
Pack Weight:	39 lbs w/Two Rams
Oil Capacity:	Two Quarts
Hose Length:	10' Standard 25', 50', 100' Optional

\$ Call for price or more information.

Aluminum Axe Scabbard



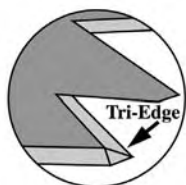
The ALUMINUM AXE SCABBARD is made of lightweight tempered aluminum. This lightweight material is also tough and will last much longer than scabbards made from other materials. It is designed to stay clean of dirt, bark, and sawdust.

# Fits Axe Size	MADSEN'S
#6 Fits 3 lb - 3½ lb axes	20⁹⁵
#7 Fits 4 lb axes	21⁸⁰
#8 Fits 5 lb axes	22⁶⁰
#9 Fits 6 lb axes	23⁹⁰

Fitting instructions: Axe should be about ⅛" smaller than the scabbard to go into and out-of the scabbard smoothly and freely.



Hand Pruning Saw



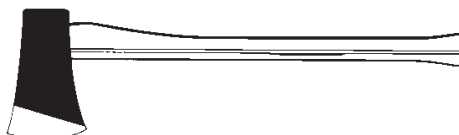
FANNO HAND PRUNING SAWS feature high quality tri-edge blades. These blades cut clean and fast saving you time and labor. The blades are manufactured in Japan to Fanno's specifications. They are then imported into the USA, where marine-grade laminated hardwood handles are installed. The result is a high quality, yet affordable hand saw.

Item	List	1-9 ea	10+ ea
Complete Saw	25¹⁸	19⁹⁵	17 ⁹⁵
Blade Only	18⁷⁰	14⁹⁵	12 ⁵⁰



Check out Madsen's on the Internet at
<http://www.madsens1.com>

Council Faller's Axe












The COUNCIL FALLER'S AXE head features a narrow ground bit for chopping, thick cheeks for strength, and a finish ground poll (heel) for driving plastic wedges. The head is made from American bar quality steel, but patterned from a European style, so you might find them a little heavy for their weight classification. It is also drop forged, heat treated, and ground.

Axe Type	Handle	List	MADSEN'S	
			1-5 ea	6 +ea
3.5 lb Axe with 20" handle		48¹⁰	32⁹⁵	31 ⁵⁰
4 lb Axe with 28" or 36" handle		64⁰⁰	43⁹⁵	42 ⁵⁰
5 lb Axe with 28" or 36" handle		70²⁰	47⁹⁵	46 ⁵⁰
6 lb Axe with 36" handle		74⁴⁰	49⁹⁵	48 ⁵⁰

Axes & Mauls

The axes and mauls listed below are fitted with hand-selected hickory handles (except for the 12 lb. maul).

Style	Head Size	Description	Handle Type	MADSEN'S PRICE		
				List Price	1-5 ea	6+ ea
	1 3/4 lb	Hunter's Hatchet • A great camping hatchet	18" curved	19⁹⁵	14⁹⁵	13 ⁹⁵
	2 1/4 lb	Boy's Axe • A perfect kindling axe	28" curved	23⁷⁵	16⁹⁵	15 ⁹⁵
	3 1/2 lb	Crown Double Bit • A good axe for the firebox	36" straight	31⁶⁷	23⁹⁵	22 ⁹⁵
	3 1/2 lb	Michigan Axe • A great all-around choice for a faller's axe	28" straight	35⁷⁵	27⁹⁵	26 ⁹⁵
	3 3/4 lb	Pulaski • A necessity in the firebox	36" straight	39⁸¹	28⁹⁵	27 ⁹⁵
	6 lb	Splitting Maul • A good tool for splitting small sized firewood	36" straight	31²⁴	22⁹⁵	21 ⁹⁵
	8 lb	Splitting Maul • A good tool for splitting large sized firewood	36" straight	33⁹²	24⁹⁵	23 ⁹⁵
	12 lb	Splitting Maul • Drop-forged high-carbon steel head. Cushion grip, all steel handle. Shape of head prevents sticking.	30" straight	49⁹⁵	37⁹⁵	35 ⁹⁵
	5 lb	Splitting Wedge • An aid for splitting stubborn firewood	none	21⁶⁷	14⁹⁵	13 ³⁵

Shovel & Hand Tools



PEAVEY
54" handle

List ~~105⁹⁵~~
MADSEN'S

1-5 **83⁹⁵**
6+ **79⁹⁵**



SHOVEL
with foot rest

List ~~15⁹⁵~~
MADSEN'S

1-5 **10⁹⁵**
6+ **9⁹⁵**



1 1/2 lb HOOKAROON
36" curved handle

List ~~50⁵⁰~~
MADSEN'S

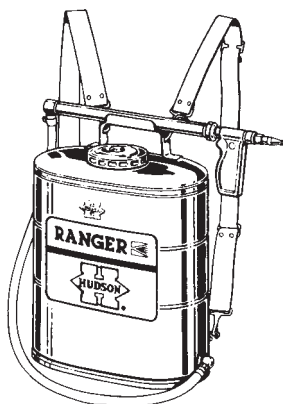
1-5 **39⁹⁵**
6+ **38⁹⁵**



MACHETE
with hand-grip

List ~~15⁵⁰~~
MADSEN'S

1-5 **9⁹⁵**
6+ **8⁹⁵**



RANGER® Fire Pump Can

The BAK-PAK Fire Pump Can is recommended for forest and grass fires or whenever a hand held water extinguisher is required.

The reservoir will hold five gallons of water which can be squirted on a fire with a brass hand pump.

List ~~209⁹⁵~~
MADSEN'S

139⁵⁰

Fire Extinguisher

The SMALL FIRE EXTINGUISHER is a safe, clean, and fast way to suppress a small wood, paper, liquid, or grease fire. It is not for use on electrical fires. No shaking is necessary and its non-powder agent is non-toxic, biodegradable, and environmentally safe. Contains 16 oz.

The extinguisher and pouch are sold separately.

List ~~19⁹⁵~~
MADSEN'S

1-11 **14⁹⁵**
12+ **13⁹⁵**



Extinguisher Pouch












The EXTINGUISHER POUCH is made of tough Cordura nylon. It has a belt loop attachment for easy carrying.

List ~~10⁰⁰~~
MADSEN'S

1-11 **8⁹⁵**
12+ **8³⁵**

Hickory Handles

HIGH GRADE HICKORY is a tough and dense wood from which the finest tool handles are made. They are durable, they hold metal heads when properly installed, and they absorb some of the vibration created when a striking tool is used for chopping or pounding. Over the years we have experimented with handles made from other materials (such as fiberglass), but most loggers and timber fallers always come back to premium hickory handles.

Type	Length/Description	List Price	MADSEN'S	
			1-11	12+
	28" boys, single bit curved	13⁰⁰	9⁹⁵	8 ⁹⁵
	36" axe, single bit curved	13⁰⁰	9⁹⁵	8 ⁹⁵
	28" axe, fits 4# & 5# Council	13⁰⁰	9⁹⁵	8 ⁹⁵
	36" axe, fits 6# Council	13⁰⁰	9⁹⁵	8 ⁹⁵
	28" cruiser, double bit	13⁰⁰	9⁹⁵	8 ⁹⁵
	36" crown, double bit	13⁰⁰	9⁹⁵	8 ⁹⁵
	30" sledge	13⁰⁰	9⁹⁵	8 ⁹⁵
	36" sledge	13⁰⁰	9⁹⁵	8 ⁹⁵
	36" heavy sledge	13⁰⁰	9⁹⁵	8 ⁹⁵
	36" maul axe eye	13⁰⁰	9⁹⁵	8 ⁹⁵
	54" peavey	49⁰⁵	37⁹⁵	

Axe handles come with wood mounting wedges only. Extra wood mounting wedges are 25¢ each.

Metal mounting wedges are 45¢ each and come in two sizes: small & medium.

Madsen's Custom Rafting Axe Handles



TUNE YOUR AXE to your body – just pick the handle length that best fits your swing and axe head weight. All custom handles are straight single bit style. They are made from premium grade white hickory for maximum strength and durability. They are available in the following lengths: 20", 26", 28", 30", 32", & 36".

MADSEN'S

1-11 **9⁹⁵**

12+ **8⁹⁵**

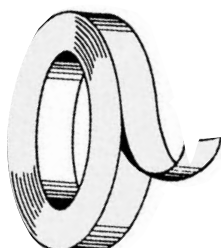
RUDD Tree & Log Paint

RUDD AEROSOL marking paint is fast, convenient, and easy to use. It makes highly visible marks that are resistant to weathering. Shipping is free on orders of 50+ cases or large quantity bulk purchases. Call for more information on shipping and delivery. Call for quotes on quantity purchases.



Type	List Price	MADSEN'S	
		1-11ea	12+ea
Tree and log paint			
13 oz aerosol	5⁸⁵	4⁷⁵	4³⁵
Colors are: Orange, Red, Blue, Green, White, Yellow, Black			
Hi-viz fluorescent paint			
12 oz aerosol	7²⁵	5⁹⁵	5⁴⁵
Colors are: Red/Orange, Blue, Green, Pink			

We can now send this UPS! Call today.



Roll Flagging

This flagging is the brightest and toughest we can find. It has extra plasticizers for increased flexibility and cold weathering. It also has a high tensile strength. The glo colors have extra coloring for longer life. It is made in the USA and meets or exceeds GSA requirements.

Color/Type	Size	Roll Length	List	MADSEN'S PRICE		
				1-11ea	12+ea	144+ea
Standard Flagging Colors:						
Orange Glo, Pink Glo, Blue Glo	1 3/16"	50 yards	2⁰⁰	1⁷⁹	1⁴⁹	1²⁹
Red, White, Blue, Yellow, Green	1 3/16"	100 yards	2⁰⁰	1⁷⁹	1⁴⁹	1²⁹
Red/White Stripe, Blue/White Stripe	1 3/16"	100 yards	2⁹⁹	2⁴⁹	1⁹⁹	1⁷⁹
Printed Boundary & Hazard Flagging Type & Color:						
Danger-Stop-Danger (Orange Glo)	1 1/2"	50 yards	3⁴⁹	2⁸⁹	2³⁹	2⁰⁹
Timber Harvest Boundary (Pink Glo)						
Property Line (Pink Glo)						
Streamside Management Zone (Orange Glo)						
			Custom flagging printed with your company name or special message is available. Call for information about minimum order size, set-up charges, and lead time.			

Custom flagging printed with your company name or special message is available. Call for information about minimum order size, set-up charges, and lead time.



Markal Paintstiks

MARKAL "B" PAINTSTIKS are used in log yards and mills where fade resistant marking is important. Paintstiks make long-lasting weather resistant marks on rough, smooth, wet, or dry surfaces. White is priced below.

We also stock: Red, Blue, and some Fluorescent colors. These are slightly more expensive. Call for prices.

List	1⁸⁵
MADSEN'S	
1-11	1⁰⁹
12-143	95¢
144+	89¢

Lumber Crayons

DIXON lumber crayons are industry standards for marking wood indoors or outdoors. They are made from high quality clays and pigments. Their exclusive process produces the strongest, longest wearing crayon on the market. We carry: Soft Blue, Soft Red, Yellow, and Carbon Black.



List	1²⁸
MADSEN'S	
1-11	85¢
12-143	65¢
144+	59¢



Crayon Holder
\$8⁶⁵ Each

Key Bak



belt loop



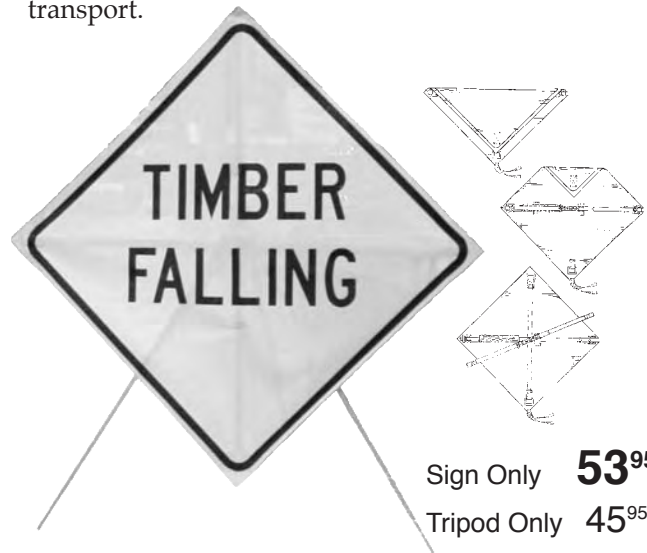
spring clip

Keep your keys or crayon holder handy with a KEY BAK. It is available with either a spring clip or belt loop so you can hook 'em on your suspenders or jeans.

List	13⁴⁹
MADSEN'S	
1-11	8⁶⁵
12+	7⁷⁵

Timber Falling Sign

A TIMBER FALLING SIGN is required on many jobs for road safety. This one is made of high-visibility orange mesh and rolls up for easy storage. The optional three legged stand also folds for easy transport.



Sign Only	53⁹⁵
Tripod Only	45⁹⁵

Blanket Canteen

The CANTEEN holds four quarts. It has a blanket cover and is plastic lined.



The web strap is adjustable. The cap is attached with a chain.

List	11⁵⁰
MADSEN'S	
1-5	8⁹⁵
6+	8²⁵

Utility Packs & Bags

UTILITY packs are made of green cotton canvas. They are available in several styles and types.



Mussette Pack
Item# 490-1099



Small Pack
Item# 490-1144



Large Pack
Item# 490-1140



Tool Bag
Item# 490-1136

Bags		Size	MADSEN'S
#490-1099	Mussette Pack	15" X 15" X 5"	21⁹⁵
#490-1144	Small Pack	17" X 13" X 6"	31⁹⁵
#490-1140	Large Pack	20" X 13" X 7.5"	36⁹⁵
#490-1136	Tool Bag	17.5" X 9.5" X 6"	17⁹⁵

Rope & Gear Bags

Keep your rope in good shape and gear organized in a bag.



Bags		MADSEN'S
#BAG102	Fits 150' 1/2" Rope	36⁰⁰
#BAG103	Fits 225' 1/2" Rope	43⁰⁰
#BAG113	Throwline Cube	24⁰⁰

Throwline Sling Shot



The Big Shot Line Launcher can shoot your throw weight up to a hundred feet into a tree. Kit includes two sturdy fiber-glass poles and sling head.

Item# 249-541

List ~~130⁰⁰~~
MADSEN'S
119⁰⁰

Throwline Kit

THROWLINE kit includes storage bag, throw weight, and 150' line. These lines are strong and easy to spot in the tree.



Item# 249-521

List ~~41⁰⁰~~
MADSEN'S
32⁰⁰



Climbing Rope



1/2" SAMSON ARBOR-PLEX was one of the first lines ever designed specifically for tree work and remains the choice of many arborists. It is one of the lightest lines we sell, yet has a breaking strength of 6000 lbs.



1/2" SAMSON TRUE BLUE is a premium rope made of 100% polyester. It is a 12-strand single braid, which helps give it its strong 7300 lbs. breaking strength.

Rope	120'	150'	600'
	#AP1212	#AP1215	#AP1260
Arbor Plex	69⁰⁰	87⁰⁰	339⁰⁰
	#TB12	#TB15	#TB60
True Blue	107⁰⁰	133⁰⁰	499⁰⁰

Call for a price on a custom length.



Rigging Rope



SAMSON STABLE BRAID is a great rigging line. Its 2-in-1 double-braid construction is a rope within a rope, giving it strength and improving the way it works in pulleys and other rigging hardware. The breaking strength is: 5/8" - 16300 lbs. & 3/4" - 20,400 lbs.

Rope	MADSEN'S
Item# 249-361	
200' 3/4" Stable Braid w/eye - Orange	329⁰⁰
Item# 249-301	
18' 5/8" Stable Braid w/eye sling - Red	60⁰⁰

Lowering Device

The PORT-A-WRAP III DESCENDER is a tool for lowering heavy branches or tree sections. It acts as a friction device enabling a single person to control loads many times their own weight. By wrapping the rigging line around the Port-A-Wrap, friction is applied to the rope - the more wraps taken, the more friction applied. This simple tool has a capacity of up to 2000 lbs. The rope shown is for illustration purposes and is not included.



Item# 601L

List ~~156⁰⁰~~
MADSEN'S
129⁰⁰

Chainsaw Lanyard

50" CHAINSAW BUNGEE LANYARD breaks away at 250 lbs shock load to help prevent the climber from being pulled out of the tree by a falling load hitting the saw. Not for saws over 15 lbs.



Item# 249-451

List ~~27⁰⁰~~
MADSEN'S
23⁰⁰

48" NON-BREAKAWAY BUNGEE CHAINSAW STRAP is blaze-orange. It also has a dog-leash style snap closure that easily attaches to the rope-loop on today's arborist's chain saws.

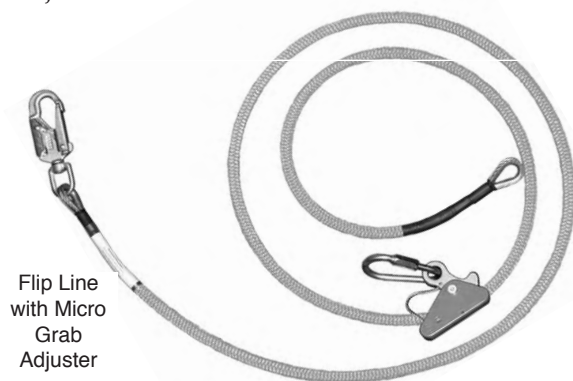


Item# STR108

List ~~23⁰⁰~~
MADSEN'S
19⁰⁰

Steel-Core Flip-Line

FLIP-LINE is made of bright orange 5/8" or 1/2" polyester rope braided over 1/4" steel wire cable. A locking swivel snap is included. The flip-line is available with or without the rope grab flip line adjuster and twisted clevis.



Flip Line with Micro Grab Adjuster

Flip Line Item	MADSEN'S
#FLI103K 1/2" X 12' Line with Adjuster	119⁰⁰
#FLI104K 1/2" X 15' Line with Adjuster	121⁰⁰
#FLI105K 1/2" X 18' Line with Adjuster	123⁰⁰
#FLI111K 5/8" X 12' Line with Adjuster	121⁰⁰
#FLI112K 5/8" X 15' Line with Adjuster	127⁰⁰
#FLI113K 5/8" X 18' Line with Adjuster	131⁰⁰
#FLI103 1/2" X 12' Line Swivel Only	61⁰⁰
#FLI104 1/2" X 15' Line & Swivel Only	63⁰⁰
#FLI105 1/2" X 18' Line & Swivel Only	68⁰⁰
#FLI111 5/8" X 12' Line Swivel Only	64⁰⁰
#FLI112 5/8" X 15' Line & Swivel Only	70⁰⁰
#FLI113 5/8" X 18' Line & Swivel Only	74⁰⁰
#FLI223* 5/8" X 18' Non-Core Flip Line	63⁰⁰

* The NON-CORE FLIP-LINE (not shown) looks similar to a steel-core flip line, but does not have a steel cable core. Since the steel core is conductive, its cut-resistance and strength may be offset by risk of electrocution when working near high-voltage electrical lines.

Flip-Line Adjuster



US Standard Adjuster



Gibbs Adjuster



Petzel Adjuster

FLIP-LINE ADJUSTERS feature a cam-locking mechanism that easily adjusts a flip-line to any length. Unlike a prusik knot, they require only one hand to adjust. These adjusters are durable and less likely to get cut while in a tree.

Flip Line Item	MADSEN'S
#ASC103 US Std for 1/2" - 5/8" rope	50⁰⁰
#ASC104 Gibbs for 5/8" - 3/4" rope	64⁰⁰
#ASC102 Petzl for 1/2" - 3/4" rope	66⁰⁰



Flip-Line	MADSEN'S
#FLI119K 15'	179⁰⁰
#FLI120K 18'	182⁰⁰

Maxi Flip-Line Kit

MAXI FLIP-LINE is made of 3/4" Dacron rope over a steel-core. It comes complete with a Petzl rope grab adjuster and carabiner. Unless you are working in really big trees, the 15' length is plenty.

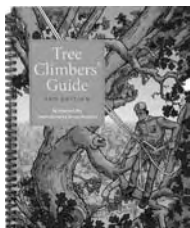


Flip-Line	MADSEN'S
#SAD304 15'	101⁰⁰
#SAD309 18'	110⁰⁰

Old Style Flip-Line

OLD STYLE FLIP-LINE is 7/8" Manila rope with a steel-core. Because of its large diameter, some climbers still prefer this when working in trees with heavy bark.

Tree Climber's Books



TREE CLIMBER'S BOOKS cover climbing techniques, equipment selection, and much more. These books offer valuable information for both beginners and old-timers looking to brush-up their techniques.

Books	MADSEN'S
#B00101 Tree Climber's Companion	16 ⁰⁰
#B0102 Tree Climber's Guide	55 ⁰⁰

Locking Rope Clip

ROPE CLIPS are a handy alternative to carabiners for attaching your climbing line. Both have squeeze lock gates and meet ANSI standards for life support.



Steel Rope Clip
#CAR402
Breaks at: 5000 lbs
Size: 5 1/2" X 2 1/4"
Gate Opening: 3/4"
Weight: 10 oz

14⁰⁰



Aluminum Rope Clip
#CAR410
Breaks at: 6000 lbs
Size: 2 3/4" Wide
Gate Opening: 1"
Weight: 6 oz

15⁰⁰



Steel Swivel Clip
#CAR403
Breaks at: 5000 lbs
Size: 5 1/2" X 2 3/4"
Gate Opening: 3/4"
Weight: 10 oz

28⁰⁰



FIGURE 8 can be used to control the descent of loads. Both feature bent ears for advanced descending/positioning techniques. A good item for a rescue kit.

Figure 8	MADSEN'S
#ASC201 Aluminum	30 ⁰⁰
#ASC204 Steel	39 ⁰⁰

Positive Locking Carabiners

A POSITIVE LOCKING CARABINER requires three motions to open their gate: push up the sleeve, twist the sleeve, and pull the gate inward.



Petzl D
#CAR102 Triact
Breaks at: 6300 lbs
Size: 4 1/2" X 2 1/2"
Gate Opening: 3/4"
Weight: 2.6 oz

18⁰⁰



Petzl William
#CAR104 Triact
Breaks at: 5625 lbs
Size: 4 3/4" X 3 1/4"
Gate Opening: 1"
Weight: 3.1 oz

19⁰⁰



Aluminum Large D
#CAR123 Triact
Breaks at: 5850 lbs
Size: 4 3/4" X 3"
Gate Opening: 7/8"
Weight: 3 oz

15⁰⁰



Petzl Am'D
#CAR101 Ball Lock
Breaks at: 6300 lbs
Size: 4 1/4" X 2 1/2"
Gate Opening: 3/4"
Weight: 2.6 oz

18⁰⁰



Petzl Am'D
#CAR103 Triact
Breaks at: 6300 lbs
Size: 4 1/4" X 2 1/2"
Gate Opening: 3/4"
Weight: 2.6 oz

19⁰⁰

Buckingham Spurs & Pads



If you are starting out or don't climb often and are looking for a complete set of spurs at a low price, the first kit is a good buy. The second kit is also a good buy and offers a replaceable gaff.

If you climb a lot and would like to save weight, the spurs with titanium supports are much lighter. If you just need to replace worn or broken parts on a set of spurs you already own, we carry a large supply of spurs, pads, straps, and accessories - some are not listed. Please call if you need something.

Items	MADSEN'S
#81429RT Steel Spur Kit Steel 3 1/2" Gaff - Non-Replaceable	199 ⁰⁰
#SB95059T Steel Spur Kit Steel 2 3/4" Gaff - Replaceable	215 ⁰⁰
#TB95059T Titanium Bucklite Spur Kit Steel 2 3/4" Gaff - Replaceable	390 ⁰⁰
#91429RT Spur Only Steel 3 1/2" Gaff - Non-Replaceable	159 ⁰⁰
#SB95089A Spur Only Steel 2 3/4" Gaff - Replaceable	169 ⁰⁰
#TB95089A Titanium Bucklite Spur Only Steel 2 3/4" Gaff - Replaceable	315 ⁰⁰
#3122 Leather L pads	35 ⁰⁰
#21391 Pair 26" Nylon Spur Strap w/Ring	26 ⁰⁰
#2649 Pair 26" Nylon Leg Strap	25 ⁰⁰
#21341 Pair 26" Leather Strap w/Ring	28 ⁰⁰
#2649 Pair 26" Leather Leg Strap	26 ⁰⁰

Deluxe Leg Pads



Cast Aluminum
Backed Pad with
Rubber Cushion

Cushion Wrap Pads
with Velcro Closure



Super-Climber Pads

Add-On Pads

ALUMINUM PADS have a lightweight cast aluminum body and are lined with dense rubber foam cushioning. Replacement

CUSHION WRAP PADS have a metal insert for keeping the shank stationary to reduce chafing. A Velcro wrap closure keeps the pad in place and offers adjustability for maximum comfort.

SUPER-CLIMBER PADS are the widest pads without a steel insert. Two straps on each pad also increases support.

ADD-ON PADS provide an extra 1/4" of padding and are worn underneath a standard climbing pad. They offer additional comfort and protection to the climber's calf from rubbing by the spur's shank.

Items	MADSEN'S
#SPU708 Cast Aluminum Pads	76 ⁰⁰
#249-761 Replacement Rubber for Aluminum Pad	16 ⁰⁰
#3502C Cushion Wrap Pads	129 ⁰⁰
#249-751 Super-Climber	48 ⁰⁰
#249-841 Add-On Pad	39 ⁰⁰



Tree Saddles



#SAD309 Two Floating Dees #SAD304 Split Suspension

Waist Sizing:			
Small	30 - 34	Medium	34 - 40
Large	40 - 44	XLarge	44 - 48

The WEAVER SADDLE #SAD304 has split suspension and is our most popular saddle. With two front D rings and two side D rings, it has four attachment points. Keeper straps prevent the front two D rings from slipping through. The leather back support is 6" high and foam filled for comfort. Sewn around the outside of the belt are five nylon loops. Each is capable of holding 15 lbs. There are also two chrome-plated brass snap clips for keeping hand tools close at hand.

The WEAVER SADDLE #SAD309 has two side D rings and two floating D rings, giving it four attachment points, too. Some users like the increased maneuverability and freedom of movement that a floating D ring design allows. Like the saddle above, it also has five nylon loops around the outside of the belt, and two brass snap clips.

Description	MADSEN'S
#SAD304 Split Suspension	159⁰⁰
#SAD309 Two Floating Dee Rings	169⁰⁰

Foot Plates

FOOT PLATES attach to your spurs and spread weight beyond your arch for more comfort.



Item# 35033

MADSEN'S
95⁰⁰

Buckingham Saddle & Belt



#1371 Saddle Back View



#1371 Saddle Front View

Waist Sizing:	
Small	28 - 32
Medium	32 - 36
Large	36 - 40
XLarge	40 - 44



#1342 Climbing Belt

The BUCKINGHAM SADDLE provides superior comfort and support. The back support is 5 1/2" high and constructed of rubberized belting material lined with soft top-grain leather. The seat is constructed of 3" wide cotton webbing that is reinforced with 1 3/4" nylon that is also lined in top-grade leather.

The BUCKINGHAM CLIMBING BELT has a 5" leather pad and nylon body belt, but does not have leg straps.

Wide Back Saddle	MADSEN'S
#1371 Split Suspension Saddle	99⁰⁰
#1342 Climbing Belt	165⁰⁰

Do you need something special or gear you don't see listed? Call us. We carry more climbing gear and equipment in our shop than what is shown.

Climbing Helmet



This CLIMBING HELMET features a polycarbonate shell. Chin straps keep the helmet in place when working at any angle.



Item# 249-943

MADSEN'S
110⁰⁰



Insect Repellent

INSECT REPELLENT repels mosquitoes, chiggers, ticks, deer flies, stable flies, knats, and fleas on exposed skin. Protection lasts up to ten hours. 2 oz pump- spray bottle.

List	8⁹⁵	This is powerful stuff - it contains 98% DEET!
MADSEN'S		
1-11	5⁹⁵	
12+	5⁵⁰	

Faller's Whistle

The WHISTLE is brightly colored and comes with its own neck string. It gives you "sound communication" in high noise areas.



List	2⁹⁵
MADSEN'S	
1-11	2⁷⁵
12+	2²⁵

Blood Stopper Bandage

A BLOOD STOPPER BANDAGE is an important safety item for chain saw operators. This absorbent bandage helps control bleeding from a chain saw cut. It also helps keep a cut clean during transport.



It comes sealed in a plastic container and has long fabric ties for firm attachment to the injured area.

List Price	4³⁵
MADSEN'S	3²⁵
Pouch for Two	6⁹⁵

Bee Bopper II

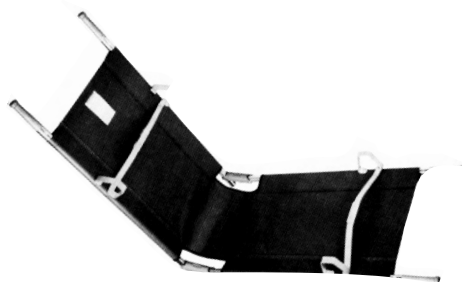
BEE BOPPER II quickly kills wasps, hornets, yellow jackets, and bees. The spray will reach a nest mass 10" in diameter when fired from a distance of 20'.



List	8³⁵
MADSEN'S	
1-11	5³⁵
12+	4⁸⁵

Folding Stretcher & Stretcher Kit

The STRETCHER folds for easy storage in a box or crew bus. When needed, it locks open in a rigid position. It features a sturdy frame covered with durable vinyl fabric. It is available as part of a kit or sold separately. The kit includes a case, stretcher, first aid kit, wool blanket, disposable blanket, and restraint straps.



MADSEN'S PRICE

#340-FSM Stretcher Only	139⁵⁰
#340-STK3 Stretcher Kit w/Box	439⁵⁰

Call for information and prices on stretcher kits not listed.

First Aid Kits & Refills



NORTH first aid kits come in sturdy metal containers. Each component is boxed, wrapped, and marked for easy use and replacement. The contents of kits are listed in the left-hand column below. The 24 unit kit meets federal OSHA 1910.266 requirements for small logging or cutting work sites.

For larger sites, your state safety organization or employer may require more kits and additional items. For specific requirements consult the agency with authority for your job site. Having a well stocked first aid kit is more than a good idea - it's the law.

• Shows Kit Includes 10 Unit 24 Unit		Description	List Price	MADSEN'S PRICE
X		#69-100WA 10 unit first aid kit (complete)	42⁴⁰	33⁹⁵
	X	#69-240WA 24 unit first aid kit (complete)	81³⁰	64⁹⁵
X	X	#121-055 CPR mask, wipes, gloves (1 ea)	14⁰⁰	9⁹⁵
X	X	#028-001 Curad 1" x 3" (16 ea)	1⁸⁰	1³⁵
X	X	#020-550 Scissor & tweezers	2⁴⁵	1⁸⁵
X	X	#021-645MD Wound wipe (2 ea)	2⁴⁵	1⁸⁵
X	X	#020-630 Gauze bandage 2" x 6 yd (2 ea)	3⁵⁵	2⁶⁵
X	X	#020-374 Tri bandage 40" compress	2⁸⁵	2¹⁵
	X	#020-956 Eye wash and eye pads	5²⁵	3⁹⁵
	X	#020-510 Gauze compress 24" x 72"	3¹⁵	2³⁵
X		#020-640 Gauze compress 18" x 36"	3²⁰	2⁴⁰
X	X	#020-584 Gauze pads 4" x 4" (4 ea)	1⁸⁵	1⁴⁰
	X	#35-144TC Bandage compress 4' w/telfa	2⁷⁵	2⁰⁵
	X	#020-445 Adhesive tape 1/2" X 2.5 yd	1⁸⁵	1⁴⁰
	X	#10-5020 Elastic ace bandage 2" X 5 yd	1⁵⁰	1¹⁰
	X	#020-380 Wire splint 1 3/4" X 30"	4²⁵	3²⁰
	X	#35-264RB Emergency "space" blanket	5²⁵	3⁹⁵
X	X	Emergency instruction chart		

Ask about discounts on case quantities of kits or refills. Also ask about stretcher boxes, blankets, splints, and other first aid supplies. Call for details on other first aid and safety products.

Safety Glasses with Magnifying Inserts

These SAFETY GLASSES have magnification built into the lower portion of the lens -- look ahead and the lens is clear. Magnification available: +1.0, +1.5, +2.0, +2.5, or +3.0. We also carry these with dark lenses so they can be used as sun glasses. Dark lenses available: +1.5, +2.0, or +2.5.



List ~~11~~⁹⁵
MADSEN'S

1-9 ~~9~~⁹⁵

10+ ~~8~~⁹⁵

Not sure what to get? Most people prefer the lower magnifications.

Bandit Safety Glasses

BANDIT safety glasses have a sporty and contemporary look. They also have adjustable temple pieces for a custom fit. The lenses are replaceable and available in clear or espresso color to reduce brightness. The clear lenses are coated with Uvex's anti-fog coating.



uvex

List ~~9~~⁹⁹
MADSEN'S

1-9 ~~7~~⁹⁵

10+ ~~6~~⁹⁵

Extra Lens ~~3~~⁹⁵

Safety Cord ~~2~~⁹⁵

Genesis Safety Glasses

GENESIS safety glasses feature a wrap-around lens design that offers great peripheral vision and protection. Meets military ballistic impact requirements. Available with clear or espresso colored lenses. Both the clear and espresso lens is treated with an anti-fog coating.



uvex

List ~~14~~⁹⁵
MADSEN'S

1-9 ~~9~~⁹⁵

10+ ~~8~~⁹⁵

With Mirror Lens Add \$2

Prestige Safety Glasses

Prestige safety glasses are ANSI approved and feature popular sport styling. They also have adjustable temples, a rubber nose bridge, and 99.9% UV protection. Also includes a neck cord.



Clear Lens
#330-415
Mirror Lens
#330-435

Smoke Lens
#330-425
Inside/Out
#330-445

List ~~5~~⁹⁵
MADSEN'S

1-9 ~~4~~⁹⁵

10+ ~~3~~⁹⁵

Nemesis Safety Glasses

NEMESIS safety glasses have an adjustable nylon frame and feature a large lens design that wraps-around your eyes for exceptional protection and visibility. The glasses also feature 99.9% UV light protection and an anti-fog coating.



List ~~7⁹⁵~~
MADSEN'S
 1-9 **6⁹⁵**
 10+ **5⁹⁵**

Bug-Eye Safety Goggles

BUG-EYE goggles are comfortable, durable and fog-free. No amount of rain or perspiration causes the screen to fog up. The bug-eye design also offers good side visibility. They have an adjustable elastic back strap.



Item# 330-726



List ~~18²⁵~~
MADSEN'S
 1-5 **12⁵⁰**
 6+ **11⁵⁰**

Tomcat Safety Glasses

TOMCAT safety glasses have wraparound metal frames that are lightweight and durable. They also feature adjustable saddle style nose pads and rubberized temple grips for comfort. The lenses are impact resistant and have a hard-coat anti-scratch surface. They meet ANSI Z87.1 2003 specifications.



Clear Lens #330-S2450 Gray Lens #330-S2451
 Silver Lens #330-S2453 Mirror Lens #330-S3454

List ~~10⁹⁵~~
MADSEN'S
 1-9 **7⁹⁵**
 10+ **6⁹⁵**

For Gray Lens add 50¢
 Silver & Mirror add 2⁰⁰

Sight Shield Mesh Goggles

SIGHT SHIELD goggles have tough polycarbonate frames and adjustable back straps. They also have stainless steel wire-mesh lenses for fog free protection. We carry them in two different mesh sizes: 20 and 30. The 30 is the finest mesh. The 20 is brighter and less likely to hold water drops. Please specify when ordering.



SIGHT SHIELD

20 Mesh #330-SS20
 30 Mesh #330-SS30

List ~~24⁹⁵~~
MADSEN'S
 1-5 **18⁹⁵**
 6+ **16⁹⁵**

UltraFit Ear Plugs

ULTRAFIT EAR plugs provide optimum protection and superior comfort. These ear plugs feature a unique triple-flange design. The "swept back" flanges are molded of an advanced polymer material and are ultra-thin and flexible. They come corded and are available with or without a handy storage box.



Add 50¢ for plugs with case.

List	2 ⁹⁵
MADSEN'S	
1-11	2 ²⁵
12-99	1 ⁹⁵
100+	1 ⁸⁵

Headband Ear Plugs



Item# 330-321

HEADBAND EAR PLUGS enter your ear canal to protect. They will fit most small to large sized heads. They also come with a spare set of replacement ear plugs. NRR rating 27.

List	6 ⁹⁵
MADSEN'S	
1-5	4 ⁹⁵
6+	4 ⁵⁰

Ear Muffs

EAR MUFFS have soft vinyl, foam-filled ear seals that completely enclose the ears, cushioning and sealing the plastic ear cups against the wearer's head. Muffs are red with black cushions. They are adjustable for different sized heads.



Item# 330-2371	
List	12 ⁹⁵
MADSEN'S	
1-5	10 ⁹⁵
6+	9 ⁹⁵

EAR Plugs

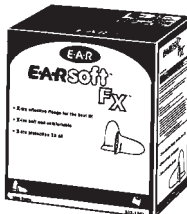


EAR plugs are made of polymer foam and are comfortable and reusable. To use, just roll each up with your thumb and finger, and insert into each ear. They expand in your ear canals and block out noise.

We carry both styles shown below. Please specify when ordering.

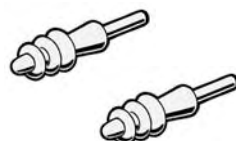
Item# 330-1001	Item# 330-1219	List	29 [¢]
		MADSEN'S	
		1-11	25 [¢]
Classic Style - Cylindrical Shape	Taper Fit Style - Bullet Shape	12-199	20 [¢]
		200+	15 [¢]

We also carry EAR's FX style shown below. They are made of soft foam and rated at 33 dB.

Item# 330-1261		MADSEN'S
		Box of 200
		\$24 ⁰⁰
		That's only 12¢ a pair!

Silencio Ear Plugs

SILENCIO EAR plugs are premolded of soft vinyl. Many wearers prefer these over foam type ear plugs because of ease of use. They also contain an air cushion that provides protection and comfort. These plugs last a long time and can be used over and over. They are corded to prevent loss and come with a small plastic storage box.



Item# 330-9100	List	3 ⁸⁰
	MADSEN'S	
	1-11	2 ⁹⁵
	12-99	2 ⁷⁵
	100+	2 ⁴⁵

Madsen's Caps



MADSEN'S CAPS are made of brushed cotton twill and come in several colors. Most caps have a dark bill which helps hide dirty finger prints. All caps also features a high-stitch-count embroidery on the crown. We also have a Madsen's "Tin" cap that is made from fine grain canvas similar to the fabric used to make tin pants. The tin cap is wax/oil finished and is water repellent. The cap features a high-stitch-count embroidery on the crown and a leather back strap. If you want a ball cap that looks like something a timber faller would wear, this is it.

Madsen's caps are priced below cost as a way of saying "Thanks" for your business -- and for advertising for us. When you recommend Madsen's to your friends and co-workers, we appreciate it.

MADSEN'S

Tin Cap ~~9⁹⁵~~
Twill Cap ~~5⁹⁵~~

Wool Crusher Hat



This is a genuine Effanem wool crusher hat. It is made in the USA of 100% wool. In the days before hard hats, this was commonly worn by woodsmen in the Northwest. Old logging photos show these on countless logger's and saw men. Even though hard hats have replaced this as a work hat, it remains a favorite of outdoorsmen everywhere.

Wool Crushers are available in: S - XL.
Colors are: Red, Flame Orange, Green, and Black.

List ~~19⁹⁵~~
MADSEN'S
1-5 ~~14⁹⁵~~
6+ ~~13⁹⁵~~

Carhartt Knit Caps



Item# A18



Item# A164



Item# A267

CARHARTT KNIT stocking caps are made of jersey knit acrylic. While not as warm as wool, they don't have the scratchy feel. The caps will stretch to fit any size head. Colors are: Black, Charcoal, or Navy.

CARHARTT HELMET-LINER MASK is made of 92% polyester and 8% spandex. It offers full face protection that extends below the neckline. The mask portion can easily be pulled down when needed

Type	Size	List	MADSEN'S
#A18	Acrylic	8⁰⁰	6⁹⁹
#A164	Billed Acrylic	12⁰⁰	9⁹⁹
#A267	Full Face	20⁰⁰	16⁹⁹

PELTOR®



Item# 330-392



Chain Saw Safety Cap

The CHAIN SAW SAFETY CAP is a safety system. It protects your head, eyes, and ears - all with one device. The cap is made of UV stabilized ABS plastic. This makes it tough, impact-resistant, and light-weight.

The mesh face-shield provides protection from wood chips and other small flying debris. The ear muffs protect the ears and help keep the cap in place. The muffs and face-shield can be flipped up when not in use.

The cap also includes a visor shield that keeps wood chips from falling behind the screen and a detachable rain-shield that protects your neck.

List	52⁹⁵	Replacement Suspension	6 ⁹⁵
MADSEN'S		Replacement Visor Cover	9 ⁹⁵
1-3	49⁹⁵	Replacement Screen with Mount	13 ⁹⁵
4+	47⁹⁵		



Check out Madsen's OnLine at
<http://www.madsens1.com>

Aluminum Full Brimmed Hard Hat



Item# 330-SKB

Replace that old worn and dented hat with a new aluminum hat. Today's hat has the look, fit, and feel of the classic full brimmed hard hat, but meets today's ANSI Z89.1 specs.

Like the old hat, it comes with a replaceable four-point suspension, but this one has a twist-adjust feature for quick and easy fit. The main difference between this and the classic hat is a new safety panel riveted inside in the top of the crown. This improves protection with little additional weight.

Pictured left is a natural "silver" hat. We also stock them with a bright orange finish.

Silver	59⁹⁵
Orange	66⁹⁵
Replacement Suspension	7 ⁹⁵

Polyethylene Hat or Cap



Item# 330-9360

List **13⁹⁵**

MADSEN'S

1-5 **12⁹⁵**

6+ **11⁹⁵**

The V-GARD CAP has a small visor and the hat is full brimmed like the popular aluminum hard hat. Both are made of fluorescent red/orangelightweight polyethylene. This material is non-conductive and won't dent like aluminum hats. The hat is also available in several other colors.

Caps come with ratchet suspension and hats with standard suspension. When ordering replacement suspension, please specify. The suspensions are interchangeable and either will work in the hat or cap.



Item# 330-8146

List **13⁹⁵**

MADSEN'S

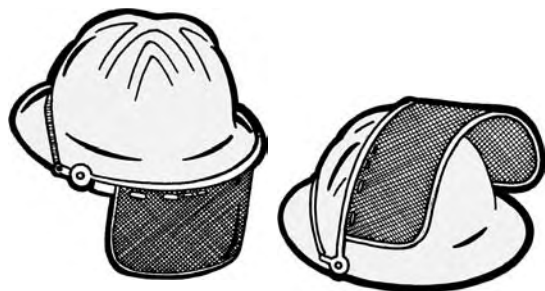
1-5 **12⁹⁵**

6+ **11⁹⁵**

Replacement Standard Suspension **5⁹⁵**

Replacement Ratchet Suspension **9⁹⁵**

Screen Face Shield



The SCREEN FACE SHIELD protects your eyes without the discomfort of wearing goggles. It hooks around the edge of most full brimmed hard hats. The screen is mounted on a hinge assembly and will tip up out of your way when not in use.

List **25⁰⁰**
MADSEN'S

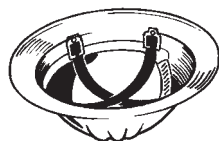
1-11 **19⁹⁵**

12+ **18⁷⁵**

Screen Only **10⁴⁵**

MSA Suspension

We still have STAZ-ON SUSPENSION for Mac T hard hats. This suspension has four mounting points and easily snaps in place.



Item# 330-9300

List **11⁹⁵**

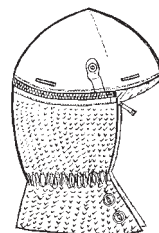
MADSEN'S

1-5 **9⁷⁵**

6+ **8⁵⁰**

MSA Winter Hat Liner

The ZERO HOOD LINER is worn under a hard hat and provides warmth when working in cold conditions. The portion that covers the neck and ears is knitted. It attaches to the top with a zipper for easy removal when warm.



List **18⁹⁵**
MADSEN'S

1-5 **17⁹⁵**

6+ **15⁹⁵**

Item# 330-5390

Safety Sweat Shirts



SAFETY SWEAT SHIRTS are available with or without hoods. The body is made of orange poly / cotton blend fleece with three high-visibility yellow stripes on the chest and back.

Sweatshirt	List	MADSEN'S	4+
Crew Neck	21⁹⁵	17⁹⁵	15 ⁹⁵
Hooded	29⁹⁵	27⁹⁵	25 ⁵⁰

Call for price of 2X, 3X, & 4X.

Safety T-Shirt



The SAFETY T-SHIRT features three high-visibility yellow stripes across the chest and back. Each stripe is 2" tall and 12" wide. T-Shirt fabric colors: Orange, Pink, or Black.

This is an inexpensive and comfortable safety solution for job sites where visibility is important. The body is 100% cotton knit, so it is comfortable even in warm working conditions.

List	14⁹⁵
MADSEN'S	
M-XL	11⁹⁵
2XL-4XL	13⁹⁵

Ask about kid's sizes



Hi-Viz Rain Wear

6400 VIKING HI-VIZ 3 in 1 JACKET is a class 2 level 2 safety garment. When you order one, you get a waterproof/breathable shell that can be worn alone or with the fleece inner-jacket that is zipped into it and serves as its lining. When the shell is not needed, the fleece liner can be worn as a light jacket. It is class 2 compliant by itself. This makes for a garment system that is comfortable in nearly any weather conditions. Sizes: S - 3XL.

6330 VIKING HI-VIZ JACKET is a waterproof/breathable shell that is class 2 level 2 compliant.

6330 VIKING HI-VIZ BIBS are waterproof/breathable rain pants and serve as a mate for either coat above. When a coat and bibs are worn together, the suit becomes CSA class 3 compliant.

Rainwear	List	MADSEN'S	4+
#6400J 3 in 1 Jacket	129⁹⁵	99⁹⁵	94 ⁹⁵
#6330J Jacket	89⁹⁵	69⁹⁵	64 ⁹⁵
#6330P Pants	79⁰⁰	59⁹⁵	54 ⁹⁵

Please specify hi-viz yellow/green or hi-viz orange

Hi-Viz Safety Vests



Style# 242-8839

The HI-VIZ SAFETY VEST is rated class II and made of high-visibility yellow fabric with reflective tape on both front and back. The 100% polyester mesh is cut from a relaxed oversize pattern. It also has a velcro closure.

KEY List To ~~17⁰⁰~~
MADSEN'S
 S-2XL **12⁹⁵**
 3X-4X **14⁹⁵**



Style# OKSV02

The HI-VIZ SAFETY VEST is made of bright-orange 100% polyester fabric. It also has four 2" wide 3M Reflexlite stripes - two sewn vertically and two sewn horizontally. Meets spec of Class II ANSI/ISEA 107-1909.

List ~~25⁹⁵~~
MADSEN'S
 1-3 **19⁹⁵**
 4+ **18⁹⁵**
 Add \$4 for 3X-5X.



Style# SV20S

The HI-VIS SAFETY VEST is made of bright-orange polyester and has 2" sewn-on reflective bands. It also features a zipper front closure and a left-chest pocket for convenience. Color: Orange. Sizes: M -5XL.

List To ~~9⁹⁵~~
MADSEN'S
 M-5XL **8⁹⁵**

KEY Hi-Viz T-Shirt



Style# 242-82939

The HI-VIZ T-SHIRT is made of bright lime-yellow polyester knit fabric and has silver reflective stripes. It also has a left chest pocket, which many safety shirts don't. It is generously sized and cut from a roomy pattern. This garment meets ANSI class 2 specs. Sizes: S - 2X.

List To ~~21⁰⁰~~
MADSEN'S
 S-2XL **15⁹⁵**
 3X-4X **17⁹⁵**

VIKING Surveyor's Vest



Style# 280-39950

If you need pockets, the SURVEYOR'S VEST has lots of them, including a special sealed pouch/pocket for a phone or electronic device and a large zip pocket across the back. The orange vest features sewn-on reflective bands in the front and back. ANSI class 2 specs. Sizes: M - 3X.

List To ~~79⁰⁰~~
MADSEN'S
 M-XL **59⁹⁵**
 2X-3X **64⁹⁵**

Labonville Cut Protective Chaps

PRO CHAPS are worn *outside* regular work pants and are held in place by Fastex® buckles. These buckles are on the waist belt and leg straps. They are light, strong, and easy to release.

Many chain saw operators favor this type of cut protective chap because they can be put-on and taken-off as needed. This is convenient when a saw is used at a mill or on a job site where a saw is operated occasionally. Easy on and off also allows the chaps to be shared among several users on other shifts or crews.

Labonville Pro Chaps meet the February '95 OSHA standards for leg protection. They have 6-plys of cut protective fabric. This fabric is a polyester/Kevlar® knit developed for Labonville (see the picture below). The chap's shell is made from 1000 denier Cordura nylon which is tough and stain resistant. This Cordura is used on both the front and back, so the chaps are reversible.



These chaps are made by Labonville, a USA company that has been making cut protective garment for over twenty-five years.

Overall Length	Part Number	MADSEN'S	
		1-3	4+ ea
Short - 28"	#850KPS	56⁹⁵	54 ⁹⁵
Regular - 32"	#850KPR	58⁹⁵	56 ⁹⁵
Long - 36"	#850KPL	64⁹⁵	62 ⁹⁵
XL - 40"	#850KPX	68⁹⁵	66 ⁹⁵
XXL - 44"	#850KPXX	74⁹⁵	72 ⁹⁵



Shown is a chap we cut during a test. Note the loose fibers that have snagged the saw's chain and slowed it. Fibers also traveled into the saw's side cover, slowing the drive mechanism.

What size chaps should you buy?

Chaps are not sized like pants, where length is determined by the length of your inseam. Chaps are sized by overall length. *To determine the correct size, measure the distance from your belt to your instep.* Chaps that are shorter will leave areas of the leg exposed and unprotected. Chaps that are too long can impede movement and cause tripping. When wearing boots with built-in cut protection, the chaps can be fitted to overlap as shown above. Before buying chaps, also check with your employer and the safety agency with authority on your job site for details on the safety apparel you need. If you require an item not listed, please call.

When should chaps be replaced?

When chaps are cut, it severs fibers in the cut resistant material. Even a small cut greatly reduces protective qualities. If your chaps are cut, they've done their job. Don't patch 'em - replace 'em. Over time chaps also get soaked with gas, oil, and sweat. This also reduces their cut protective qualities. They can be laundered, but this does not completely restore the level of protection they originally offered.

Labonville Snap-In Safety Pads

ORIGINAL SNAP-IN SAFETY PADS are worn on the inside of your pants. They require special pants fitted with upper snaps and knee-pockets (see below) or can be sewn into regular work jeans.

Many timber fallers prefer this type of leg protection because it allows more freedom of movement than chaps worn on the outside. With outside chaps, straps and buckles add weight and can get hung up on brush. Inside chaps are lighter and require no straps or buckles because they are held in place by the pants.

Like outside chaps, SAFETY PADS are not represented as shields against damage, but as an aid to help prevent more severe damage in extreme cases.

Size	List	MADSEN'S	
		1-3	4+
#SP500KPR Regular Length	39 ⁰⁰	32⁹⁵	30 ⁹⁵
#SP500KPL Tall Length	42 ⁰⁰	34⁹⁵	32 ⁹⁵

What size safety pads do you wear?

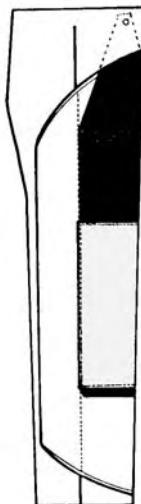
- Regular length is for people up to about 6'.
- Tall is for long legged people or over 6'.

Note: Safety pads should extend from the waist to the top of the foot.



See page 52 for insulated winter pants and cool knit polyester summer pants that accept these cut resistant pads.

View of Snap-In Kevlar®/Polyester Pad Protection on the Inside of Pants

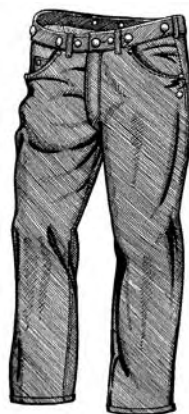


Shown is the front view of a pair of single snap safety pads. Price includes both chaps.

Cut away side view of pad in safety pants. Note sleeve in knee area and snaps on top.



Jeans for Snap-In Safety Pads



Knee-sleeves and snaps have been added to these logger's jeans so they can be used with Labonville snap-in safety pads. If the pants are cut into, the knee sleeves help hold the safety pads in place to protect the legs. The snaps also make it easy to remove the pads for laundering or for swapping into another pair of jeans.

See the Madsen's Jean listing on page 67 for sizes.

MADSEN'S

1-3	36⁹⁵
4+	34⁹⁵



Faller's Pants



FALLER'S PANTS accept Labonville snap-in safety pads for chain saw cut protection and come in two types:

The WINTER faller's pants are made of water repellent black nylon and insulated with 3M Thinsulate. This makes them perfect for cold and drizzly days.

The SUMMER faller's pants are made of loose knit green polyester. This durable fabric is very cool in hot weather. Suspendor buttons are sewn inside the waist of both types of faller's pants.

See our safety chap page for prices and information on the LABONVILLE KEVLAR safety chap pad system.

Type **MADSEN'S**

Winter Pants Waist Sizes:
30, 32, 34, 36, 38, & 40 **59⁹⁵**.
Size 42 add \$6.

Summer Pants Waist Sizes:
30, 32, 34, 36, 38, & 40 **39⁹⁵**.
Size 42 add \$4.

Wool Faller's Jacket

The WOOL FALLER'S JACKET is made of red/black plaid Woolrich® fabric. This fabric is 85% wool and 15% nylon. For wind and water repellency, a black nylon "yoke" covers the shoulder, chest, and upper back. The jacket features a zipper front, snapping wrist cuffs, two chest pockets, and two side slit pockets. It can be worn as a light jacket or a heavy shirt. Sizes: M to 3XL.



Style #S700

List ~~119⁹⁰~~
MADSEN'S
1-3 **99⁹⁵**
4+ **95⁹⁵**
2XL & 3XL
add \$10.

Wool Pants

The WOOL PANTS are made from dark-green 24 oz felted fabric, which contains 75% recycled wool. These pants feature a zipper front with button closure, and six inside suspender buttons. They also have belt loops, so they can be worn with button suspenders or a belt. These are great pants for cold-weather work or recreation. Available in waist size: 32" - 44". The inseam is 33" only.



Style #234

List ~~82⁹⁵~~
MADSEN'S
1-3 **64⁹⁵**
4+ **59⁹⁵**

Carhartt Extremes Arctic Wear



Coat

Style: C55

Sizes: M - 4XL & Talls

Bibs

Style: R33

Sizes: Waist 32" - 40"

Inseams: 30" - 34"



Coat or Bibs

List Price: Up to 150⁰⁰

MADSEN'S 119⁹⁹

Add \$10 for 3XL, 4XL, & Tall Sizes

Optional Hood is \$24⁹⁹.

EXTREMES ARCTIC WEAR is super-insulated and is made of tough black Cordura® Plus 1000 denier nylon. The zippers have wind flaps and velcro closures to hold in body heat. Combine the coat and bibs and you will be comfortable working in Alaska, refrigerated areas, or in other cold conditions.

Carhartt Rain Gear

Carhartt RAIN GEAR starts with a durable nylon shell with a water repellent finish. Underneath this is a waterproof and breathable membrane. All the seams are fully taped and sealed. The result is a garment that keeps the wearer dry and comfortable in all types of weather. Color: Black.



Style: B216

Sizes: S - 2XL

List Price: 130⁰⁰

MADSEN'S 119⁹⁹

Add \$10 for Bigs & Talls



Rain Coat

Style: C72

Sizes: S - 2XL

List Price: 140⁰⁰

MADSEN'S 124⁹⁹

Add \$10 for Bigs & Talls



Rain Jacket

Style: J162

Sizes: S - 2XL

List Price: 130⁰⁰

MADSEN'S 119⁹⁹

Add \$5 for Bigs & Talls

The RAIN PANTS feature full-leg two-way zippers for easy on and off over work boots. The zippers are covered with storm-flaps to keep out the weather. The chap-style double-front provides extra wear and can accommodate knee pads. Reinforced nylon kick panels provide extra wear in the cuff area. Leg openings have snap adjustments. The rain pants also have a comfortable elastic waistband.

Both the RAIN COAT and RAIN JACKET have storm-cuffs and a three-piece hood. Their heavy-duty two-way zipper has a storm-flap for extra protection. Their chest pocket has a waterproof zipper. They also have two hand pockets with zipper-closures and storm-flaps. Two additional interior pockets have hook-and-loop closures. The main difference between the coat and jacket is the coat's body is 5" longer.

Rain Gear



Our RAIN GEAR offers the best combination of protection, durability, and comfort... all at a reasonable price. Jackets are full cut across the chest and back for extra arm mobility. They also feature comfortable stand-up collars and storm-fronts. The full cut bibbed pants have heavy-duty suspenders and tough non-corrosive nylon hardware. Seams are stitched and sealed with heat tape.

If you are a big guy, you've probably had difficulty finding rain wear. Look no further because we stock sizes up to 5XL in both the Neoprene and Polyurethane coated nylon styles. If you need something bigger, up to 7XL is available, and for special needs, rainwear can be custom made. If you need rain wear, we can fit you.

Description	Piece	List Price	MADSEN'S PRICE	
			1-3 ea	4+ ea
<p>NEOPRENE coated nylon is the traditional logger's rain gear we've carried for years. It is cut from a roomy pattern to allow arm and body movement. Better coatings and fabric allow it to be lighter and more flexible than the old neoprene gear, but it is still tough and resistant to gas and oil. It is available in green only.</p>				
<p>Neoprene on Nylon Color: Green. Sizes: S - XL, 2X add \$4., 3X add \$8., 4X add \$12.</p>				
	Rain Coat	57⁹⁵	44⁹⁵	41 ⁹⁵
	Bibbed Pants	57⁹⁵	44⁹⁵	41 ⁹⁵
	Rain Hood	15⁹⁵	13⁹⁵	12 ⁹⁵
<p>POLYURETHANE coated nylon rain gear is light and super flexible, even when cold. It is also cut from a roomy pattern similar to the gear above. The combination makes this gear easy to move in and very comfortable. We carry it in both green and hi-viz orange. Please specify a color when ordering.</p>				
<p>Polyurethane on Nylon Color: Green and Hi-Viz Orange. Sizes: S - XL, for XXL add \$3.</p>				
	Rain Coat	41⁰⁰	31⁵⁰	28 ⁵⁰
	Bibbed Pants	41⁰⁰	31⁵⁰	28 ⁵⁰
	Rain Hood	11⁰⁰	10⁹⁵	9 ⁹⁵
<p>GORE-TEX rain gear outperforms regular rain gear because it holds out rain while allowing perspiration to escape. With this rain gear, you won't finish the day drenched in sweat like you do when working in conventional rain gear. This rain gear also outperforms most Gore-Tex rain wear sold at sporting goods stores. It is made of industrial Gore-Tex fabric, which is heavier and more durable.</p>				
<p>Gore-Tex® Color: Green. Sizes: M - XL, for XXL add \$12.</p>				
	Rain Coat	178⁹⁵	139⁹⁵	133 ⁹⁵
	Bibbed Pants	178⁹⁵	149⁹⁵	143 ⁹⁵
	Rain Hood	49⁹⁵	39⁹⁵	35 ⁹⁵

Tuff Black Rain Gear



TUFF BLACK RAIN GEAR is made of heavy-duty 420 denier nylon fabric coated with 8 oz polyurethane waterproofing. The heavy-duty nylon is nearly impossible to tear and the polyurethane coating resists abrasion and punctures.

Jackets feature a storm front with plated brass hardware. The overalls have a storm fly and heavy elastic suspenders. Both garments have sealed seams. If you are looking for tough rain gear, this is it! Sizes: S - 3XL



**Your Choice:
Rain Coat or
Bib Overall**

List ~~74⁹⁵~~

MADSEN'S

1-3 **64⁹⁵**

4+ **59⁹⁵**

Add \$6 for 2X.

Add \$12 for 3X.

Carhartt PVC Rain Gear

PVC RAIN GEAR is made of 50-mm polyester backed PVC. Both the coat and pants are waterproof and wind resistant. All seams are electrically welded and major seams are sewn and welded. This rain gear is value priced, yet very durable. Color: Green.



Coat

Style: C64

Sizes: XS - 3XL

Bibs

Style: R39

Sizes: XS - 3XL

Coat or Bibs

List Price: Up to ~~60⁰⁰~~

MADSEN'S 49⁹⁹

Add \$5 for Big & Tall Sizes



PVC COAT has a storm-channel placket with snap-closures. It also has three pockets, neoprene inner sleeve cuffs, and reinforced elbows. A detachable hood is included.

PVC BIBS bibs have adjustable suspenders with snap-closures. They also have an inside bib pocket with a zipper-closure. The seat is reinforced and the knee area is reinforced with a chap-style double-front.



Carhartt Kid's Bib Overalls

KID'S BIBS are made of washed brown duck fabric, a softened version of the durable fabric used to make adult work wear. Features include adjustable shoulder straps and two quarter top pockets. If your child likes to play with toy dump trucks on a big pile of dirt, your little contractor is going to love these bibs.

Size	List	MADSEN'S
Infant: 6, 12, 18, 24 Month Size	30⁰⁰	22⁹⁹
Toddler: 2T, 3T, 4T	32⁰⁰	24⁹⁹
Youth: 4, 5, 6, 7	36⁰⁰	29⁹⁹
Color: Carhartt Brown		



Kid's Flannel Shirts

KID'S FLANNEL SHIRTS are made of 100% cotton and feature a 1/2 zip front. Additional features include two chest pocket and cuffs with button closures. The buffalo-plaid pattern colors are in: Blue/Black, White/Black, or Red/Black.

Size	List	MADSEN'S
Infant: 6, 12, 18 Month Size	20⁰⁰	17⁹⁵
Toddler: 2T, 3T, 4T	20⁰⁰	17⁹⁵
Child: 4, 5, 6, 7	22⁰⁰	19⁹⁵
Youth: S- XL	22⁰⁰	19⁹⁵

Buy four or more and save \$1 per piece.



Kid's Hickory Shirts

Got a little logger at home? Now he or she can wear a hickory shirt just like Dad or Grandpa. This durable shirt is a miniature version of the classic zipper front hickory. It goes great with a pair of jeans or under a pair of Carhartt bibs (above).

Size	List	MADSEN'S
Infant: 6, 12, 18 Month Size	26⁵⁰	17⁹⁵
Toddler: 2T, 3T, 4T	26⁵⁰	17⁹⁵
Child: 4, 5, 6, 7	26⁵⁰	19⁹⁵
Youth: S- XL	26⁵⁰	19⁹⁵

Buy four or more and save \$1 per piece.

Suspenders for Kids

SUSPENDERS for kids are made of red elastic, and feature steel clips that clamp on to the waist band of most pants. The front is imprinted with either "Dad's Helper," "Grampa's Helper," or "Little Logger." They are the perfect compliment to the hickory or flannel shirt above .



List	9⁹⁵
MADSEN'S	
1-5	8⁹⁵
6+	7⁹⁵

Color: Red only
Sizes: 24", 28", or 32"

To fit suspenders, measure from the left front connection point on the waist band, across the shoulder, to the right rear connection.



Carhartt Women's Sweat Shirt

The WOMEN'S HOODED FULL-ZIP SWEATSHIRT is made of 10.5 oz fleece. The fleece is 50% cotton blend -- making the garment comfortable, long wearing, and shrink-resistant. The hood is made from three pieces of fleece for maximum fit and comfort. It also has two lower pockets. The raglan sleeves insure ease-of-movement. It also features an extra-long body to provide added coverage when reaching or bending. Sizes: XS-S-M-L-XL-XXL. Colors: French Blue, Black, Scarlet, & Heather. Style# WK012.

List ~~58⁰⁰~~
MADSEN'S
46⁹⁹



Carhartt Women's Henley

The WOMEN'S HENLEY is made of 6.5 oz waffle-knit fabric that is 75% cotton and 25% polyester. It has long sleeves and a long body for good coverage. It also has a button closure. In warm conditions, this Henley can be worn alone and in cold conditions, it is a good shirt for layering. Sizes: XS-S-M-L-XL-XXL. Colors: White, Black, Grape, Watermelon, & French Blue. Style# WK125.

List ~~28⁰⁰~~
MADSEN'S
24⁹⁹

Carhartt Women's Jeans



The WOMEN'S FLANNEL LINED JEANS have a denim outer, cut from a relaxed-fit pattern. Inside is 100% cotton flannel lining for the warmth and comfort of pajamas. The jeans are mid-rise and fit slightly below the waist. They finish with straight legs. Sizes: 2-18. Style# WB022.

List ~~55⁰⁰~~
MADSEN'S
46⁹⁹



The WOMEN'S CURVY FIT JEANS are made for a woman's shape. They are cut from a pattern that has a mid-rise fit slightly below the waist. In the hips and thigh area, they fit a woman's curves. They finish with leg openings that are boot cut. They are made of 10.5 oz denim. Sizes: 2-18. Style# WB040.

List ~~44⁰⁰~~
MADSEN'S
34⁹⁹

"Might as well have the best"

FILSON Tin Wear

SINCE 1897



FILSON tin wear is popular with loggers and others who do hard physical work in rainy weather. The wax treatment "repels" water, yet the canvas fabric breathes to vent perspiration. This helps keep the wearer from becoming drenched in sweat, a common discomfort with conventional "water proof" rain gear. Also, its cotton canvas construction makes it some of our most durable wet weather wear.

The DOUBLE LOGGER COAT is constructed with two layers of fabric that extend over the shoulders and down each arm. The coat also features a comfortable full cut for easier arm movement. The front closure, flaps, and cuffs are reinforced. This is an extremely durable rain coat that will hold up in challenging work conditions.

TIN PANTS are available in two styles: Double tin pants have two layers of fabric that extend from the waist to below each knee for extra durability. Single tin pants have only one layer. Both tin pants have four deep pockets with storm flaps on the two rear ones. They are also bar tacked at all strain points and riveted steel buttons are used on the fly and suspender anchors.

TIN WEAR PRICES:

Tin Coat - Double: M to 2XL

180⁰⁰

Tin Pants - Double: 30" to 44" Waist

150⁰⁰

Tin Pants - Single: 30" to 44" Waist

125⁰⁰



Extra tins of wax finish for tin wear are \$8²⁵ ea.

"Packer" Hats

The TIN PACKER HAT is made of fabric similar to what is used to make tin pants. It offers excellent protection from all types of weather, and like the tin pants, it is extremely durable. Item #15.

The SHELTER CLOTH PACKER HAT is cut and shaped from the same pattern as the Tin Packer Hat, but made with shelter cloth, a finer woven oil finished fabric. Both hats are the same price, so please specify size and type when ordering. Item #15SH.



**MADSEN'S
PRICE:**

49⁰⁰

Filson Hats	S	M	L	XL	XXL
Hat Size	6 ³ / ₄ - 6 ⁷ / ₈	7 - 7 ¹ / ₈	7 ¹ / ₄ - 7 ³ / ₈	7 ¹ / ₂ - 7 ⁵ / ₈	7 ³ / ₄ - 7 ⁷ / ₈
Head Measure	21 ¹ / ₈ - 21 ¹ / ₂ "	21 ⁷ / ₈ - 22 ¹ / ₄ "	22 ³ / ₈ - 23"	23 ¹ / ₂ - 23 ⁷ / ₈ "	24 ¹ / ₄ - 25 ⁵ / ₈ "

Carhartt Blanket Lined Jacket

BLANKET LINED JACKETS are made of durable 12 oz cotton duck fabric. This fabric is tightly woven which results in garments that are tough and snag resistant. It's also treated with a water repellent coating that can be retreated after washing. These jackets also feature a zipper front and two snap adjustable waist tabs. A hood is optional.



Style: J001
Outer Fabric: Cotton Duck
Insulation: Blanket
Color: Brown or Black
Sizes: S -2X
List Price: Up to ~~80⁰⁰~~

MADSEN'S 61⁹⁹
Add \$5 for Talls, 3X, & 4X
Optional hood is \$16⁹⁹.

Carhartt Sandstone Detroit Jacket

The SANDSTONE DETROIT JACKET has a micro-sanded and garment washed shell for softness and comfort. Its other features include triple-stitched main seams, snap adjustable waist and cuffs, and a zipper front. It also has a pocket on the left chest with a zipper closure and two front welt pockets. This is a great coat for work or casual wear.



Style: J97
Outer Fabric: Cotton Duck
Ins: Blanket Body & Quilted Sleeves
Color: Moss, Brown, Dark Brown, Blue, or Black
Sizes: S - 5XL
List Price: Up to ~~95⁰⁰~~

MADSEN'S 79⁹⁹
Add \$5 for Big & Tall sizes.

Carhartt WorkCamo Jacket

The WORKCAMO JACKET is made of 12 oz 100% cotton duck canvas with Realtree® camouflage print. Inside is quilted-flannel lining for warmth and comfort, but the sleeves are lined with quilted-nylon for easy movement. It also has an attached hood with draw-cord closure. Two large lower-front pockets are outside and inside are two additional pockets. The waistband and cuffs are made of snug fitting rib-knit.



Style: J221
Outer Fabric: Cotton Duck
Ins: Flannel quilt/Nylon quilt sleeves
Color: Realtree® Camouflage
Sizes: M - 2XL
List Price: ~~110⁰⁰~~

MADSEN'S 94⁹⁹
Add \$10 for Big & Tall sizes.

Additional savings are available for purchases of four or more pieces. Please call for more information.

Bibbed Overalls



**Carhartt
Brown Duck Bibs**

These BIBS are made of Carhartt's famous brown duck canvas and are not insulated or lined. Their many features include roomy pockets, a high back, elastic suspenders, and triple-stitched main seams. The knee and upper leg have an extra layer of fabric for protection and wear. Ask us about knee pads that can be placed behind this fabric.

Style: R01
Outer Fabric: Cotton Duck
Color: Brown or Black
Sizes: Waist 30" - 50"
Legs: Most 30", 32", or 34"
List Price: ~~70⁰⁰~~

MADSEN'S 56⁹⁹



**Carhartt
Zip To Hip Bibs**

These BIBS are similar to those on the left, but they have a two-way zipper on the legs. This zips to the waist, making it easier to put the bibs on or take them off over work boots. They are also insulated to the waist with a mid-weight quilted polyester. This makes them a good choice for working in cold conditions. If you plan on wearing these over clothes, buy them extra big.

Style: R41
Outer Fabric: Cotton Duck
Color: Brown
Sizes: Waist 32" - 44"
Legs: Most 28", 30", 32", or 34"
List Price: ~~115⁰⁰~~

MADSEN'S 94⁹⁹



**KEY Insulated Brown
Duck Bibs**

These BIBS are made of 12 oz. cotton duck canvas and insulated with bonded polyester fiberfill. They also have a two-way front zipper and brass leg zippers. These leg zippers zip to the waist for easy entry. The bibs also feature elastic inserts in the suspenders for comfort and double knees for durability. A hammer loop and a utility pocket are also included.

Style: 275.29
Outer: 12 oz. Cotton Duck
Sizes: S - 3XL
Lengths: Short, Reg, & Tall
List Price: ~~84⁰⁰~~

MADSEN'S 66⁹⁵
Buy 4+ and save \$4 each.

Overalls & Coveralls



KEY Insulated Brown Duck Coveralls

INSULATED COVERALLS are made of durable 12 oz. brown duck canvas. They are insulated for warmth in cold working conditions. They also have two chest pockets with zipper closures. These coveralls feature side zippers on the legs protected by a storm flap. This zipper zips all the way to the waist making it easy to put them on and take them off.

Style: 975.29
Outer: 12 oz. Cotton Duck
Color: Saddle
Sizes: S - 3XL
Lengths: Short, Reg, & Tall
List Price: ~~107⁰⁰~~

MADSEN'S 84⁹⁰



KEY Denim Bibs

DENIM BIBS have a high back and adjustable suspenders. They also have a double compartment bib pocket, roomy rear pockets, and a button fly. Stress points are riveted and bar tacked. These bibs are well made and long wearing. They are cut from a roomy pattern for comfort and easy movement when working.

Style: 272.41
Outer Fabric: Blue Denim
Sizes: Waist 30" - 60"
Lengths: 30", 32", & 34" legs

MADSEN'S 30⁹⁵
Add \$3 for Sizes 48" - 52".
Add \$6 for Sizes 54" - 56".
Buy 4+ and save \$1 each.



KEY Mechanic's Coveralls

We carry two styles of unlined coveralls: One is made from cotton twill, the other from a cotton/poly blend. The cotton coveralls are comfortable and the best choice if you do any welding. The style made from blue cotton/polyester blend is what our techs wear at Madsen's. These wash well, wear well, and look good, even when they are slightly soiled. They also have leg zippers, which makes it easy to get them over your boots.







Fabric: 7.5 Poly/Cotton
or 10.5 oz Cotton Twill
Sizes: S - 3XL
Lengths: Short, Reg, & Tall
List Price: ~~48⁹⁹~~

MADSEN'S 37⁵⁰
Add \$3 for 3XL.
Buy 4+ and save \$3 each.



Heavyweight Wool Underwear

HEAVYWEIGHT WOOL UNDERWEAR is standard equipment for winter work in Alaska and the Pacific Northwest. Its rib knit weave is absorbent and warm, even when wet. It also has flat locked seams for extra wear. The union suit design has a trap door in the seat, a button front, and snug fitting cuffs. Made in Canada.

Type	Size	List	MADSEN'S
 #1300 Union Suit	S - XL	95⁰⁰	69⁹⁵
 #1300 Union Suit	2XL	110⁰⁰	84⁹⁵
 #1315 Wool Shirt	S - XL	55⁰⁰	43⁹⁵
 #1315 Wool Shirt	2XL	63⁰⁰	51⁹⁵
 #1312 Drawers	S - XL	44⁰⁰	36⁹⁵
 #1312 Drawers	2XL	50⁰⁰	41⁹⁵

Ask about quantity prices.

Traditional Red Cotton Union Suit

The RED UNION SUIT is made of 100% rib-knit cotton. This smooth knit makes it warm and comfortable to wear. It also features a button front placket and reinforced stitching on all seams. And yes, it still has a vertical seat flap for... you know. Sizes: S - 3XL & LT - 2XT. Style #865US.



List To ~~27⁹⁵~~
MADSEN'S
21⁹⁵

Add \$1 for 3XL & Tall sizes.



Wool Blend Underwear

WOOL BLEND THERMAL underwear is a two layer knit blend. The outer layer is 70% polyester and 30% merino wool. The inner layer is 100% Hydropur. This gives you the comfort of Hydropur next to your skin, the warmth of wool, and the wearability of polyester. Sizes of tops or bottoms: S to 3XL Color: Grey. Style #975 DR/LR.



Top or Bottom per piece:

List Price ~~22⁹⁵~~

MADSEN'S **14⁹⁵**

Add \$2 for Big & Tall sizes.



Ice-Tex HydroPur Underwear

ICE-TEX HYDROPUR UNDERWEAR is dual-faced. Against your skin is fleeced HydroPur. HydroPur fiber has the highest rate of absorbency and highest rate of evaporation of any performance fiber on the market. Silver ions imbedded in its fiber during the polymer stage also give the garment a level of odor control. Outside is combed cotton. Tops are style #286LS. Bottoms are style #286DR.



Top or Bottom per piece

List Price ~~15⁰⁰~~

MADSEN'S 10⁹⁵

Add \$1 for Big Sizes



Work-Dry Underwear

WORK-DRY THERMAL UNDERWEAR is made of 5.5 oz. polypropylene rib-knit, so it is lightweight, but still warm. Polypropylene wicks moisture, keeping you warm and dry. This underwear also features rib cuffs on the top and an elastic waistband on the bottoms. Tops are style #21LS. Bottoms are style #21DR.

Note: Polypropylene underwear is not a good choice if you are going to be welding while wearing it or around anything that may cause it to melt.

Top or Bottom per piece

List Price ~~15⁰⁰~~

MADSEN'S 10⁹⁵

Add \$1 for Bigs & Talls.



Max Cold Underwear

MAXIMUM WEIGHT THERMAL UNDERWEAR is made of 9.1 oz. waffle-knit fabric and is rated for extremely cold temperatures. The waffle-knit is a blend of 50% cotton and 50% polyester. This traps a layer of air and body heat air near your skin, insulating you from the cold. Style #822 DR/LS.

This is high-quality well constructed underwear. Its top features a rib-knit neck and cuffs. The bottom has an elastic waistband.

Top or Bottom per piece

List Price ~~13⁰⁰~~

MADSEN'S 8⁹⁵

Add \$1 for Bigs & Talls.



Double Duck Dungarees

DOUBLE DUCK DUNGAREES are made from the same cotton duck fabric used in Carhartt coats and overalls. This canvas-like material is tough, yet comfortable to wear. These pants are made even more durable by the extra layer of fabric around the knees where pants are often damaged. Unwashed are available in: Brown or Black. Washed are available in Moss and Dark Brown.

Brown Duck Inventory:			
28 x 30	28 x 32		
29 x 30	29 x 32		
30 x 30	30 x 32		
31 x 30	31 x 32	31 x 34	
32 x 30	32 x 32	32 x 34	
33 x 30	33 x 32	33 x 34	
34 x 30	34 x 32	34 x 34	
36 x 30	36 x 32	36 x 34	
38 x 30	38 x 32	38 x 34	
	40 x 32		
	42 x 32		

List Price ~~55⁰⁰~~
MADSEN'S PRICE
 Unwashed (#B01) **44⁹⁹**

These don't have suspender buttons. See page 75 for add-on buttons.

Carhartt 



Double Front Logger's Jeans

DOUBLE FRONT LOGGER'S JEANS are made of durable 15 oz cotton denim. Features include a comfortable full cut, a side tool pocket, two full size back pockets, and triple stitched seams. The unwashed version is our best seller and it comes with six riveted suspender buttons. We also carry a prewashed version, which do not have suspender buttons.

Double Front Size Inventory:			
30 x 30	30 x 32		
31 x 30	31 x 32	31 x 34	
32 x 30	32 x 32	32 x 34	32 x 36
33 x 30	33 x 32	33 x 34	33 x 36
34 x 30	34 x 32	34 x 34	34 x 36
36 x 30	36 x 32	36 x 34	36 x 36
38 x 30	38 x 32	38 x 34	38 x 36
40 x 30	40 x 32	40 x 34	
42 x 30	42 x 32	42 x 34	
44 x 30	44 x 32	44 x 34	
46 x 30	46 x 32		
48 x 30	48 x 32		
50 x 30	50 x 32		

List Price To ~~52⁰⁰~~
MADSEN'S PRICE
 Unwashed (#B07) **39⁹⁹**
 Prewashed (#B73) **41⁹⁹**

Double front jeans offer longer wear in the area around the knees, but do not offer chain saw cut protection.

Carhartt 



Soft Knees for Double Front Pants

SOFT KNEES are made of high-density foam and slip in between the layers of fabric on most double front pants. This foam helps cushion knees on hard or rough surfaces and helps protect from heat or cold. These pads are less cumbersome than strap-on pads and are always there once they are installed in pants. Note: This foam is not chain saw cut protection. Item# 280-416.

List ~~16⁹⁵~~
MADSEN'S
 1-3 **15⁹⁵**
 4+ **13⁹⁵**

MADSEN'S Logger's Jeans



See page #51 for information on a version of these jeans that are modified to accept Labonville Snap-In safety pads.

MADSEN'S LOGGER'S JEANS have the features loggers and timber fallers want. They are made of top-rate 14.75 oz cotton denim and cut from a generous pattern. They have six riveted suspender buttons, triple stitched side seams, and bar tack reinforcements. Their durable hardware includes a brass zipper, rivets on stress points, and a riveted button on the waistband closure. Their back pockets are sized extra deep so 10" and 12" faller's wedges won't fall out. They also have a watch pocket and a side tool pocket for your bar wrench or cell phone. Best of all, these quality work pants are value priced.

Madsen's Logger's Jeans Size Inventory:				
	28 x 30	28 x 32		
	30 x 30	30 x 32		
32 x 29	32 x 30	32 x 32	32 x 34	
	33 x 30	33 x 32	33 x 34	
34 x 29	34 x 30	34 x 32	34 x 34	34 x 36
36 x 29	36 x 30	36 x 32	36 x 34	
38 x 29	38 x 30	38 x 32	38 x 34	
40 x 29	40 x 30	40 x 32		
	42 x 30	42 x 32		
	44 x 30	44 x 32		
	46 x 30	46 x 32		

Sizes in italics are available in single front only.

Type		MADSEN'S	
		1-3 ea	4+ ea
#1983M	Single Front	28⁹⁵	24 ⁹⁵
#1993M	Double Front	32⁹⁵	28 ⁹⁵

Add \$3 Waist Sizes 46" - 54".

THE ORIGINAL
BEN'S

Black Logger's Pants



BEN'S BLACK LOGGER'S PANTS are an American classic. Made of 10.5 oz. fabric that is 50% cotton and 50% polyester, these full-cut pants are popular with logger's, timber fallers, and truck drivers. Their features include, double stitched seams, a metal zipper fly, a snap closure on the waistband, and six suspender buttons. Style #694.



List ~~39⁰⁰~~

MADSEN'S

1-3 **31⁹⁹**

4+ **29⁹⁹**

Sizes:	
32 x 30	32 x 32
33 x 30	33 x 32
34 x 30	34 x 32
36 x 30	36 x 32
38 x 30	38 x 32
40 x 30	40 x 32
42 x 30	42 x 32
44 x 30	44 x 32
46 x 30	46 x 32



Single Front Logger's Jeans

KEY LOGGER'S JEANS are "dungaree" cut to be roomy and easy to work in. In fact, if you remember the old LEE logger's jean, the cut is very similar. They are made of durable 100% cotton denim and have heavy duty suspender buttons, a zipper fly, full sized pockets, and rivets on stress points. Style #446.41.

List ~~29⁰⁰~~

MADSEN'S

1-3 **24⁹⁵**

4+ **22⁹⁵**

Sizes in Stock for Single Front Blue Jean:				
	30 x 30	30 x 32		
32 x 29	32 x 30	32 x 32	32 x 34	
33 x 29	33 x 30	33 x 32	33 x 34	
34 x 29	34 x 30	34 x 32	34 x 34	34 x 36
36 x 29	36 x 30	36 x 32	36 x 34	36 x 36
38 x 29	38 x 30	38 x 32	38 x 34	38 x 36
40 x 29	40 x 30	40 x 32	40 x 34	
42 x 29	42 x 30	42 x 32		
44 x 29	44 x 30	44 x 32		
	46 x 30	46 x 32		
	48 x 30	48 x 32		
	50 x 30	50 x 32		
		52 x 32		

Add \$3 for Waist
Sizes 44" - 50".



Prewashed Double Front Jeans



PREWASHED DOUBLE FRONT LOGGER'S JEANS are made of 14.75 oz cotton denim. They feature a brass zipper, button closure on the waist band, a hammer loop, suspender buttons, and a side tool pocket that is large enough to hold a small cell phone. Style #48011.

These good-looking jeans can be worn for casual wear, yet are durable enough for work. Their prewashed finish gives them the look and feel of old favorites right from the start.

List ~~38⁰⁰~~

MADSEN'S

1-3 **29⁹⁵**

4+ **26⁹⁵**

Double Front Inventory:			
30 x 30	30 x 32		
32 x 30	32 x 32	32 x 34	
33 x 30	33 x 32	33 x 34	
34 x 30	34 x 32	34 x 34	
36 x 30	36 x 32	36 x 34	
38 x 30	38 x 32	38 x 34	
40 x 30	40 x 32	40 x 34	
42 x 30	42 x 32		
44 x 30	44 x 32		
	46 x 32		
	48 x 32		

Add \$3 Waist Sizes 44" & up



Fabric Cement

Customers report patches stay flexible and attached even after garments are washed and dried many times.

TEAR MENDER is great for fixing work clothes. It permanently binds fabric, canvas, leather, or any material it can penetrate, so it's perfect for patching jeans, pack sacks, tents, and upholstery. It dries in minutes and is waterproof. Bottle size is 6 ounces. Item# 280-276.

List ~~9⁹⁵~~

MADSEN'S

1-5 **8⁹⁵**

6+ **7⁹⁵**



Carhartt Relaxed Fit Jeans

RELAXED FIT JEANS are made of 15 oz denim, yet have a soft feel and comfortable fit. They are cut from a pattern that offers extra space in the seat and thighs. They also have straight legs. They come garment washed, which means they are processed in special machines after they are sewn to give them the look and feel of your favorite jeans on the first day you wear them. Match these with a new flannel or wool shirt and you'll be ready for school or town. Style# B460. We also stock a version with a flannel lining, #B172.

Sizes in Stock:		
32 x 30	32 x 32	
34 x 30	34 x 32	34 x 34
35 x 30	35 x 32	
36 x 30	36 x 32	36 x 34
38 x 30	38 x 32	38 x 34
40 x 30	40 x 32	
	42 x 32	
	44 x 32	

List Price **38⁰⁰**

MADSEN'S 28⁹⁹

Add \$16 for flannel lining



Carhartt Traditional Fit Jeans

TRADITIONAL FIT JEANS are cut from a pattern where the waist sits slightly below the natural waist. The seat and thighs are cut slim. Leg openings easily fit over boots. These are a good choice for people with a slim build, who don't like a "relaxed fit" cut. Style# B480.

Sizes in Stock:			
32 x 30	32 x 32	32 x 34	
34 x 30	34 x 32	34 x 34	34 x 36
36 x 30	36 x 32	36 x 34	34 x 36
38 x 30	38 x 32	38 x 34	
40 x 30	40 x 32		
42 x 30	42 x 32		

List Price **38⁰⁰**

MADSEN'S 28⁹⁹



Not sure of the size?
Give a gift certificate.

Garment Water Repellent

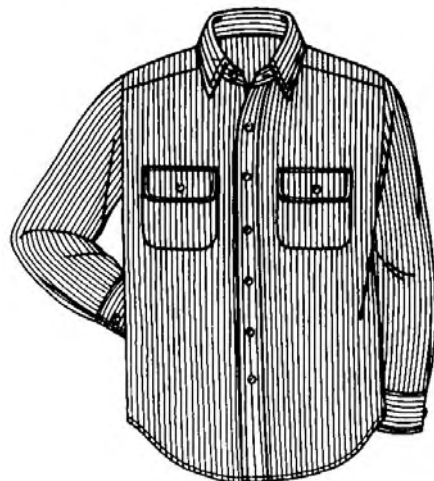
GARMENT WATER REPELLENT is made by Sno-Seal and restores water-repellency to outerwear through the use of technically advanced polymers. It will not change how a fabric looks or feels and is scent free when dried and cured. It contains a fungicide to control odors and protect from discoloration caused by mold or mildew. It is safe for use on Gore-Tex and other waterproof breathable fabrics. Can size is 10.5 ounces. Item# 310-1336.

List **7⁰⁵**
MADSEN'S

1-5 **6⁹⁵**

6+ **6⁵⁰**





Button Hickory



Short-Sleeve Half-Zip Hickory



Classic Hickory Shirts

CLASSIC HICKORY SHIRTS are available with either a half-zip or button front. A short-sleeve half-zip version is also available. Worn by loggers and timber fallers everywhere, these shirts are comfortable to work in and very durable. They are made of 100% striped cotton twill, which is really a medium-weight denim. This tough fabric lasts and lasts. It is also absorbent, so sweating is no problem.

Hickory shirts are cut from a roomy pattern, so you never bind up even when swinging an axe. They also have large button down pockets for carrying needed items.

Long Sleeve Zipper & Button Front Hickory Shirts:
Regular Sizes: Small, Medium, Large, Extra Large
Big Sizes: 2XLarge, 3XLarge
Tall Sizes: Med Tall, Large Tall, XLTall, 2XL Tall
Big & Tall: 3XL Tall

We have a full range of sizes in stock along with plenty of inventory, so we can fit you!. Sizes: S - 5XL and tall, too. Quilt lined versions go to 3X.



See page #57 for kid sized hickory shirts.

MADSEN'S

1-3 **27⁹⁵**

4+ **25⁹⁵**

MT to XLT add \$3.

2XL to 3XL add \$3.

2XLT to 3XLT add \$8.

Shown left: We now offer a zipper front hickory with short hem finished sleeves. This is for warm weather work when you want more than a T-shirt, but a long sleeve hickory is too much.

Carhartt Chambray Shirt

The CHAMBRAY SHIRT is made of 100% cotton chambray. It is light blue with a banded collar, yoke back, long tails, and two button-down flap pockets. This shirt is good for casual wear or for a summer-weight work shirt. Since it's cotton it wrinkles in the dryer, but it is very comfortable. Sizes in stock: S - 3XL.



Chambray	List	MADSEN'S
#S200 Short Sleeve	35⁰⁰	29⁹⁹
#S202 Long Sleeve	40⁰⁰	31⁹⁹
Add \$2 for sizes 3X & 4X and Tall sizes.		



BIG BILL Zip Style Flannel Shirt

Customers asked, "Why doesn't anyone make a flannel shirt like the popular zip hickory shirt?" We asked our suppliers the same question and one said, "If you order a quantity of them, we'll make 'em." So we did. Our manufacturer took heavy 9 oz flannel and cut out shirts using a hickory shirt pattern. The end result is a super comfortable and good looking shirt. Style #123.

This shirt looks good with a nice pair of jeans. It can be worn for work or casual dress.

Colors: Buffalo Plaids in Blue/Black, Green/Black, & Red/Black.

List ~~37⁰⁰~~
MADSEN'S

1-3 **29⁹⁵**

4+ **26⁹⁵**

Tall Sizes and
2XL & 3XL add \$4.



BIG BILL Heavy Flannel Shirt

The heavy 9 oz FLANNEL SHIRT has long sleeves and tails. The 100% cotton plaid is warm and comes in a variety of colors. This flannel shirt is full-cut for comfort and has a button front. It comes with two pockets with button closures. Style #121.

Sizes in stock: M - 4XL.
We also carry Talls.

Made
In USA

List ~~37⁰⁰~~
MADSEN'S

1-3 **29⁹⁵**

4+ **26⁹⁵**

Tall Sizes &
2XL to 4XL add \$4.



Carhartt Polo Shirt

CARHARTT POLO SHIRTS are made of 100% cotton 6.7 oz. pique knit fabric, so they are as comfortable as a T-shirt, but offer a dressier look. They are also great for layering. These shirts feature a three-button front, a rib-knit collar, and banded sleeves. Colors: Black, Navy, Dark Tan, and White. Style# K11.

List ~~30⁰⁰~~
MADSEN'S
22⁹⁹

Carhartt T-Shirt



Short-Sleeve
Classic T-Shirt

CARHARTT T-SHIRTS T-shirts are good for warm weather work or casual wear. Many are also worn underneath another shirt for layering in cold working conditions. They are made of heavy-duty 6.75 oz cotton rib knit. This durable fabric is comfortable and long-wearing. It also resists shrinkage, giving a Carhartt T-shirt a true-to-size fit. Other features include side seam construction, which minimizes twisting. It also has a left chest pocket where a Carhartt logo is proudly displayed. They come in a wide assortment of colors and Madsen's has a complete inventory. We also have this popular T-shirt in a camo version imprinted with the Realtree pattern. Sizes in stock: S - 4XL including Talls in most sizes.



Long-Sleeve
Classic T-Shirt



Short-Sleeve
Henley T-Shirt



Long-Sleeve
Henley T-Shirt



Short-Sleeve
Camo T-Shirt

Colors:

Classic Short-Sleeve T-Shirt colors are: Black, Hunter Green, Navy, Olive, Desert, Ash, Red, Carhartt Brown, Heather Grey, Sand, Royal Blue, White, Orange, and Port.

Classic Long-Sleeve T Shirt colors are: Navy Blue, Black, Sand, Hunter Green, Red, Carhartt Brown, Ash, Heather Grey, Olive, and Port.

Camo T-Shirt color is: Realtree pattern.

Henley Short-Sleeve T-Shirt: Navy, Ash, Carhartt Brown, Sand, Hunter Green, Black, Red, Blue Stone, Desert, and Heather Gray.

Henley Long Sleeve T-Shirt: Hunter Green, Black, Blue Stone, Red, Navy, Olive, and Port.

Type	List	MADSEN'S
------	------	-----------------

Classic T- Shirts:

#K87	Short-Sleeve	20⁰⁰	16⁹⁹
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#K126	Long-Sleeve	24⁰⁰	19⁹⁹
-------	-------------	----------------------------	------------------------

Camo T- Shirts:

#K287	Short-Sleeve	34⁰⁰	27⁹⁹
-------	--------------	----------------------------	------------------------

Henely T- Shirts:

#K84	Short-Sleeve	24⁰⁰	18⁹⁹
------	--------------	----------------------------	------------------------

#K128	Long-Sleeve	30⁰⁰	24⁹⁹
-------	-------------	----------------------------	------------------------

Tall and big sizes are slightly higher and are not available in all colors.



MADSEN'S T-Shirt

MADSEN'S T-SHIRTS have a large Madsen's Pro's Choice logo on both the front and back. They are made of 100% cotton-knit and are comfortable for both work or casual wear. This is the same T shirt worn by competitors like Branden Sirguy at logging shows. See his pic on our web site at: www.madsens1.com.

MADSEN'S

1-3 **17⁹⁵**
4+ **16⁹⁵**

Tall Sizes &
2XL to 4XL add \$4.

MADSEN'S Half-Zip Sweatshirt

HALF-ZIP SWEATSHIRTS are full-cut for comfort and look great when worn over a matching T-shirt. You'll want one of these sweatshirts for work, sports, or casual wear.



Madsen's Logo Sweatshirt



The shirt shown left has a Madsen's logo sewn on the chest.

Type MADSEN'S

Grey, Blue, or
Green: M to XL **21⁹⁵**

Grey, Blue, or
Green: 2XL **23⁹⁵**

Black or Maroon
w/logo: M to XL **27⁹⁵**

Black or Maroon
w/logo: 2XL **29⁹⁵**

Buy 4+ and save \$2 each.

Carhartt Sweatshirts

CARHARTT sweat-shirts are made of heavy 13 oz fleece. This heavy fleece is made of 80% cotton and 20% polyester. They are all cut from a roomy pattern. Both shrinkage and pilling is minimal, so you don't have to buy a big size if you are not a big person. Like all Carhartt garments, these excellent quality sweatshirts are second to none. Sizes: S to 4X and Talls in most sizes.

Colors for Hooded: Black, Dark Green, & Navy Blue. Colors for Half-Zip: Black, & Green.



Half-Zip Sweatshirt

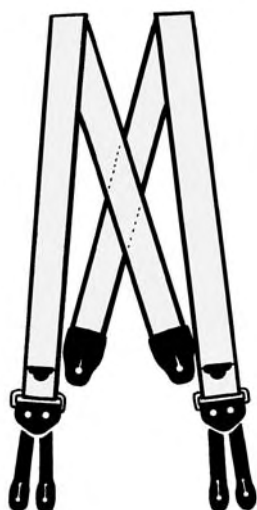
Sweatshirt List MADSEN'S

#K184	Hooded	60⁰⁰	49⁹⁹
#K188	Half-Zip	60⁰⁰	49⁹⁹

Big & Tall sizes add \$5.

Suspenders

SUSPENDERS are made of 2" wide welting and have flat leather ends for suspender buttons. The ends are made of the same leather that is used to make work boots. The elastic is extra wide for maximum comfort and support.



Colors: Red or Navy Blue.

Sizes:
42", 44", 46", 48"

List	16 ⁵⁰
MADSEN'S	
1-5	13 ⁹⁵
6+	12 ⁹⁵

Buckle Suspenders

BUCKLE SUSPENDERS are made of heavy-duty 2" black elastic and have heavy black leather straps for attaching to suspender buttons. Fitting adjustments are made with buckles instead of welt clips. They also have metal rings for attaching small items. They are available in "X" or "Y" back style.



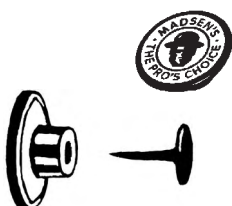
Color: Black only.

Sizes:
42", 44", 46", 48", 54"

List	33 ⁹⁵
MADSEN'S	
1-5	24 ⁵⁰
6+	23 ⁵⁰

Replacement Suspender Buttons

A package includes eight button sets, which are usually enough to add or replace all the buttons on one pair of jeans and have a couple left over.



MADSEN'S	
1-5	2 ⁹⁹
6+	2 ⁵⁰

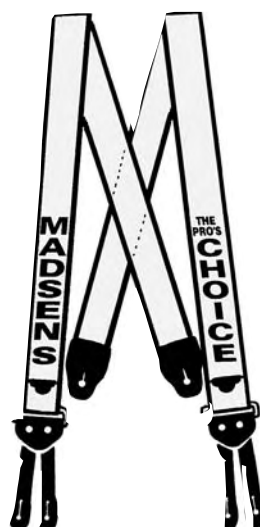
To install replacement buttons, just stick the pivot through the fabric of your jeans. Set the button over it. Back up the button with a piece of wood and hit the pivot head with a hammer.



Item #280-3070

Faller's Suspenders

FALLER'S SUSPENDERS are made of special 2" wide welting that is special woven for maximum stretch and strength. They are the most comfortable and long wearing suspenders we offer.



Colors: Black (without our logo) or Orange with Black lettering as shown.

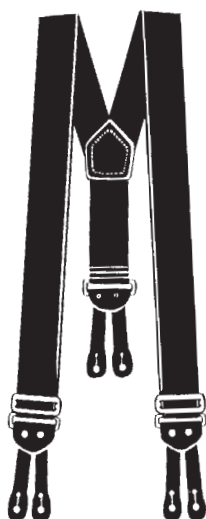
Sizes: 42", 44", 46", 48", 54"

List	22 ⁵⁰
MADSEN'S	
1-5	17 ⁹⁵
6+	16 ⁹⁵

Add \$1 for 54".

"Y" Back Suspenders Clip-On Suspenders

"Y" BACK SUSPENDERS are made of 2" wide cotton elastic and have leather ends for attaching to suspender buttons. Some wearers prefer the feel of "Y" backs over the more common "X" back suspenders.



Color: Black only.

Sizes:
42", 44", 46", 48", 54"

List ~~22⁹⁵~~
MADSEN'S
1-5 **17⁹⁵**
6+ **16⁹⁵**
Add \$1 for 54".

CLIP-ON SUSPENDERS are made of heavy duty black elastic, and feature steel clips that clamp on to the waist band of most pants. The oversize clips are double plated to withstand moisture and perspiration.



Color: Black only

Sizes:
42", 44", 46", 48", 54"

List ~~22⁹⁵~~
MADSEN'S
1-5 **17⁹⁵**
6+ **16⁹⁵**
Add \$1 for 54"

See the listing on
page #57 for
kid's suspenders



To fit suspenders, put on your logger's jeans and hold them at the height you want them. Next, measure the distance from the left front suspender button, across your shoulder, to the right rear button.

Leather Covered Felt Shoulder Pad

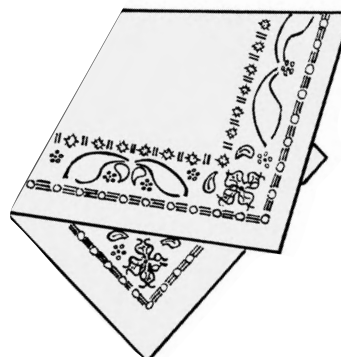
This SHOULDER PAD threads through one side of your suspenders to protect your shirt when carrying items on your shoulder. The heavy felt pad is covered with durable leather. Item# 280-1216.



List ~~8²⁵~~
MADSEN'S
1-5 **7⁹⁵**
6+ **7⁵⁰**

Classic Cotton Handkerchief

This HANDKERCHIEF is large sized and made of cotton. It is available in: Red or Navy Blue. Red is Item# 751R. Blue is Item# 751B.



List ~~2⁸⁹~~
MADSEN'S
1-5 **1⁸⁵**
6+ **1⁷⁵**

White Ox Gloves

WHITE OX GLOVES are made with four panel fingers. This creates finger "tubes" for increased dexterity. The extra sewing this design requires makes the gloves a little more expensive, but they are worth it. Available with or without an elastic back straps. Size: M, L, & XL.



List	5⁹⁹
MADSEN'S	
1-11	5²⁹
12-35	4⁸⁹
36+	4⁶⁹

Add 20¢ for an elastic back strap and 60¢ for size XL.

Bukaroo Gloves

BUKAROO GLOVES are made with a leather palm and a canvas back. They are made from a full fit, gunn pattern with a wrap-around index finger and leather finger tips. Sizes: S to XL.



List	15⁹⁹
MADSEN'S	
1-11	14⁹⁵
12+	13⁹⁵

Add \$2 for insulated version of this glove.

Ragg Wool Gloves

RAGG WOOL GLOVES are warm and durable. Their seamless knit construction is of 85% wool and 15% nylon. The extended cuff length is for added warmth. The gloves are natural oatmeal in color. They are available in sizes: M & L.



List	4⁹⁹
MADSEN'S	
1-11	3⁹⁹
12-35	3⁶⁰
36+	3²⁵

Thick Cotton Gloves

THICK COTTON GLOVES are sized for big hands and made of extra thick cotton on the palm and fingers for cushion and long wear.



List	3⁹⁹
MADSEN'S	
1-11	3²⁵
12-35	2⁸⁵
36+	2⁵⁵

Leather Driver Gloves

LEATHER DRIVER GLOVES are good for all types of equipment operation and are made of B grade grain cowhide leather for protection and durability. Size: S to XL.



List	7⁹⁹
MADSEN'S	
1-11	6⁹⁵
12+	6⁵⁰

Chilly Grip Gloves

CHILLY GRIP GLOVES have a warm synthetic liner and a durable rubber coated palm. They are flexible and comfortable while providing excellent grip wet or dry. They are ideal for construction, fishing, and general labor. Sizes: S to XL.



List	6⁹⁹
MADSEN'S	
1-11	5⁴⁹
12+	4⁹⁹
36+	4⁵⁰

Atlas Fit Rubber Palm Gloves



Glove Type	List	MADSEN'S		
		1-11	12-35	36+ea
Atlas Fit	4⁷⁵	3²⁵	3 ⁰⁹	2 ⁹⁹
Atlas Therma	5²⁵	3⁹⁹	3 ⁷⁹	3 ⁵⁹
Atlas Nitrile	6⁰⁰	4⁹⁹	4 ⁵⁰	4 ¹⁵
Atlas Regrip	5²⁵	3⁹⁹	3 ⁷⁹	3 ⁵⁹

ATLAS FIT RUBBER PALM GLOVES are made of tight knit cotton with the palm and fingers coated with natural latex. The result is a durable glove with excellent wet grip. The open back provides ventilation. Available in sizes: S, M, L, & XL. Item#290-ATL300.

ATLAS THERMA RUBBER PALM GLOVES are similar to the gloves listed above, but the body is constructed of poly/cotton thermal woven fabric for extra warmth on cold days. Thermal's are available in sizes: S, M, L, & XL. Item#290-ATL301.

ATLAS NITRILE PALM GLOVES feature a seamless nylon liner that has been palm dipped in Nitrile rubber. The thin Nylon liner offers great dexterity, yet is durable and long wearing. The Nitrile rubber coating also wears like iron. The open back provides plenty of ventilation. The glove is machine washable. Available in sizes: S, M, L, & XL. Item#290-TA370B.

ATLAS REGRIP RUBBER PALM GLOVES feature a thicker palm coating along with a reinforced thumb and index finger. A double-dipped latex coating over the grey seamless liner provides double protection. Available in sizes: M, L, & XL. Item#290-ATL330.

Faller's Gloves



Glove Type	List	MADSEN'S		
		1-11	12-35	36+ea
White Polyester	1⁴⁰	99^c	79 ^c	74 ^c
Blue Polypro	2⁵⁰	2¹⁹	1 ⁹⁹	1 ⁶⁰
Green Wool	3⁷⁵	2⁹⁹	2 ⁷⁹	2 ⁵⁹

WHITE POLYESTER FALLER'S GLOVES are our traditional faller's gloves. They have a snug fit that gives you the ability to pick up items that would be difficult with cotton gloves. Available in sizes: XS, S, M, L, & XL.

BLUE POLYPROPYLENE FALLER'S GLOVES are similar to the gloves above, but are made of 100% polypropylene. This fiber wicks away moisture and provides insulation from the cold. These gloves make good glove liners for wearing underneath regular work gloves in cold weather. Available in sizes: Small and Large.

GREEN WOOL FALLER'S GLOVES are warm and long-wearing. They are knitted from a blend that contains 70% wool. They can be worn alone or as liners for extra warmth. Available in sizes: M, L, & XL.

Gold Gripper Gloves

GRIPPER GLOVES are similar to faller's gloves, but have a web of flexible rubber that is bonded to the surface of the glove for additional grip. Available in sizes: M, L, & XL.



	List	2⁹⁰	MADSEN'S
1-11			1⁹⁵
12-35			1 ⁷⁰
36+			1 ⁶⁰



Boot Saver Toe Caps

BOOT SAVER toe caps help prevent premature wear of the toe area on a work boot. This is a common problem on boots with hard safety toes. Included in the kit are two caps, sandpaper, and a tube of cement for attaching them.

List	9⁵⁰
MADSEN'S	
1-5	8⁹⁵
6+	8⁵⁰



Toe Armor Coating

TOE ARMOR provides a durable layer of protection to the toe or any area on a boot that needs extra protection. This lets you put extra protection wherever you need it. Toe Armor is easy-to-apply, hardens in 24 hours, and cleans up with water. It works best on dry new leather. Colors available: Brown or Black. Brown is Item# 302-0810. Black is Item# 302-0910.

List	11⁰⁰
MADSEN'S	
	9⁹⁵
Brown#	95128
Black#	95129



Boot Tongue Protectors

TONGUE PROTECTORS (also called false tongues) are cut from durable leather and fit behind the laces on boots to protect their soft tongue and gusset leather. Prices are for a pair.

We carry them in two sizes. The long ones fit best on boots with tall tops and those with a lace-to-toe design. The shorter ones fit conventional boots with 10" and lower tops. Either size can be easily cut down to fit most any boot.

Type	List	MADSEN'S
#310-862 Short	5⁵⁰	4⁹⁵
#310-863 Long	8⁵⁰	7⁹⁵



Toe & Hand Warmers

These small disposable pouches can be tucked in a glove, boot, or the pocket of your pants for an instant "heat treat."

An air activated chemical reaction safely produces heat that lasts up to seven hours.

Type	Package	List	MADSEN'S
Toe Warmer	8 Pack	11⁹⁵	10⁹⁵
Hand Warmer	10 Pack	9⁹⁵	8⁹⁵

Boot Dressing



OBENAUF'S LP leather preservative was originally developed for treating the boots of wildland firefighters. It is made by combining three different natural oils with bee's wax and propolis. This combination resists bacteria and mildew, repels water, and keeps leather soft and flexible. Warming LP prior to its application makes it easier to apply and warming boots with a hair dryer after its application helps LP penetrate. Also consider Obenauf's leather oil, which is good for quick touch-ups between applications of LP. Obenauf's is approved for use on Gore-Tex footwear.



HUBERD'S is classic logger's boot grease. Huberd's will darken light colored leather because it contains pine tar. If your family has a history of working in the woods, your grandfather probably used this product - Huberd's has been making it since 1929.

WESCO BEE SEAL helps keeps leather work boots flexible even at low temperature. It does not contain pine tar and will not darken leather as much as the product listed above. If dressing older dried out boots, an application Wesco's Bee Oil leather primer restorer and conditioner will prepare the boots for an application of Bee Seal.



BEE NATURAL wax oil helps waterproof and preserve leather boots. It contains pine tar and is a good substitute for those who used to like Logger's World Boot Grease, which is no longer available. The mink oil contains no wax and helps keep leather soft and flexible.



SNO-SEAL is an all season leather protectant. Its bee's wax base waterproofs and protects leather from rain, snow, salt, and sun. It also lubricates and protects against drying and deterioration. Sno-Seal dries scent free.



DANNER boot dressing is designed to protect leather and help maintain water repellency. It also prolongs the beauty and suppleness of fine leather when used regularly. It applies easily with a clean dry cloth.

Description	Size	List Price	1-5 ea	6+ ea
#310-564 Obenauf's LP Boot Paste	8 oz	12⁹⁵	11⁹⁵	10 ⁹⁵
#310-584 Obenauf's Boot Oil	16 oz	13⁹⁵	12⁹⁵	11 ⁹⁵
#310-7775 Huberd's Shoe Grease	7.5 oz	4⁹⁵	4⁵⁰	3 ⁷⁵
#310-395 Wesco Bee Seal Plus	5.25 oz	10⁰⁰	7⁹⁵	7 ⁵⁰
#310-385 Wesco Bee Oil	4 oz	8⁰⁰	6⁹⁵	6 ⁵⁰
#310-2332 Bee Natural Wax Oil	32 oz	19⁰⁰	16⁹⁵	16 ⁵⁰
#310-1308 Bee Natural Mink Oil	8 oz	7⁵⁰	6⁹⁵	6 ⁵⁰
#310-1330 Sno-Seal Protectant	7 oz	5⁵⁰	4⁹⁵	4 ⁵⁰
#303-97501 Danner Boot Dressing	4 oz	9⁵⁰	8⁹⁵	7 ⁹⁵

Boot Inserts & Insoles

Improve the fit and comfort of your boots with an insole or insert. We carry several types: The wool felt insert offers thermal insulation and cushion comfort. The Contour foam insole adds cushion and arch support to flat soled boots.

All of the insoles can also help take up space in boots that are a little big. This is a common problem when your foot is a half size and the boots you want come only in full sizes.



Type	MADSEN'S PRICE	
	! - 5 Pair	6+
#28114 Wool Felt Insole	5⁹⁵	4⁹⁵
#27002 Breath-O-Prene Foam Insole	8⁹⁵	7⁹⁹

Freestyle Repair

FREESOLE can be used to rebuild worn soles or heels, for fixing separations, or for waterproofing boot stitching. Some customers also use it to coat the toes on rubber boots for extra protection from abrasion and punctures. It has high adhesion to leather or rubber. Tube size is 1.5 ounces.



Item# 310-455

List	6⁵⁰
MADSEN'S	
1-5	5⁹⁵
6+	5⁵⁰

Shoe Goo Sealer



Item# 310-1101

Shoe Goo is a urethane product with hundreds of uses. In our shop, the guys even use it to seal terminals on saw electrical components. Tube size is 3.7 ounces.

List	5⁰⁰
MADSEN'S	
1-5	4⁵⁰
6+	3⁹⁵



PEET[®] SHOE DRYER

The PEET SHOE DRYER is endorsed by boot manufacturers including Danner, Buffalo, and White. It plugs into a standard 110v outlet. Item# 310-255

List Price	44⁹⁵
MADSEN'S	39⁹⁵

Add \$30 for propane boot dryer.

No matter what weather the morning brings, starting the day with dry boots is always a plus. In addition to comfort, this dryer will make your shoes last longer and your feet stay healthier.



Glove Drying Attachment

12" extensions for tall boots are \$9.95 a pair. Item# 310-265

The glove drying attachment is \$9.95. Item# 310-295

Replacement Calks

Replace old dull screw-in calks (spikes) with a new set of sharp ones. We carry several types in bags of fifty:

- Our standard spikes are made of tool grade steel for maximum wear and durability. This is our best seller and the best choice for all-around use.

- The "Redwood" length spike, is similar to the standard spike, but has 1/2" long points. Some customers like them when working around trees with deep bark. If you are tempted to get these thinking they will wear longer than standard spikes, know they tend to pack up more with debris and their length puts extra stress on the receptacles in the boot soles.

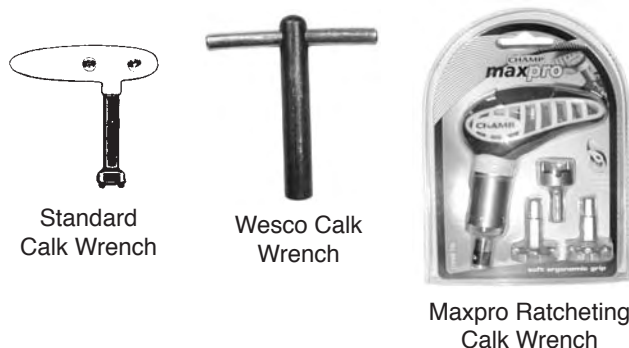
- The Cermec spike has a hardened core. These are standard length and fit into regular receptacles. Their hard core extends their life when working in rocky or abrasive conditions.

- Wesco spikes are proprietary and fit only Wesco boots. These sharp and durable spikes have a nut shaped sub-base that fits a special tool for easy removal and replacement. They will not fit into standard calk receptacles.

Note: Most calked boots have about 25 spikes per boot. The count varies a little due to different spiking patterns and shoe size.



		MADSEN'S PRICE	
Type		One	Six or More
#1502	Tool Steel Spikes (50)	10⁹⁵	9 ⁹⁵
#218	Redwood Length (50)	11⁹⁵	10 ⁹⁵
#1082	Cermec Spikes (bag of 50)	19⁹⁵	18 ⁹⁵
#2002	Wesco Spikes (bag of 50)	25⁰⁰	23 ⁵⁰
#88404	Standard Calk Wrench	2⁹⁵	
#220	Wesco Calk Wrench	10⁰⁰	
#365	Ratcheting Calk Wrench	7⁹⁵	



Boot Laces

NYLON LACES are strong and inexpensive. If you trim them, be sure to heat up the ends. Melting the ends of the cut fibers helps keep them from fraying.

LEATHER LACES are a little more expensive, but are preferred by most loggers. They are more flexible than nylon laces and will not wear out the eyelets in boots as quickly. Our leather laces are uniformly cut from top quality hide.



Size & Type	Fits Boot Top Height	List Price	MADSEN'S	
			1-9	10+
72" Nylon	8"-12"	1⁷⁵	1⁵⁰	1 ⁴⁰
72" Leather	8"-12"	5⁰⁰	3⁹⁵	3 ⁵⁰
96" Leather	8"-12"	6⁰⁰	4⁹⁵	4 ⁵⁰
108" Nylon	12"-16"	2⁵⁰	2²⁵	1 ⁹⁵
108" Leather	12"-16"	6⁹⁵	5⁵⁰	4 ⁹⁵



Calked Logger's Boots

WESCO CALKED BOOTS are available with either 12" or 16" tops. They are made of durable black leather with a reversed vamp, making it more resistant to damage from the boot's sharp spikes.

Additional features include: Rolled leather top facing, an all leather mid-sole and heel base, heavy-duty stitching, a formed Stytherm counter, all leather gussets, removable Ortholite foam slip-in inserts, lace-to-toe closures, and removable false tongues.

12" Top# 1912SI

List ~~437⁰⁰~~

MADSEN'S

394⁹⁵

We stock sizes:

7 - 13 in D & E

16" Top# 2916SI

List ~~482⁰⁰~~

MADSEN'S

406⁹⁵

We stock sizes:

8.5 - 13 in D & E



Calked Logger's Boots

CALKED LOGGER'S BOOTS have 10" tops and are made of black 7oz full grain oil tanned leather. They feature a double vamp, full snag-resistant seams, solid brass stud-hooks and eyelets, and screw-in calks. They also feature a leather insole, mid-sole, and heel counter.

Additional features include a Topy Neoprene outsole and a spring heel. These boots fit and feel like boots costing much more. Made in Canada.

Style# 45SC

List ~~399⁹⁵~~

MADSEN'S

1-2 **384⁹⁵**

3+ **374⁹⁵**

We stock sizes:

8 to 13 in D width &

7.5 to 13 in EE width



MADSEN'S Calked Leather Boots

MADSEN'S CALKED BOOTS have 10" tops and are made of durable black leather. They also feature a classic lace-to-toe design that allows for small changes in foot width. This improves the fit over the life of the boots and allows the wearer to adjust the fit for seasonal changes in sock thickness and so on.

Other features include steel shanks, leather heel inserts, brass eyelets and hooks, and screw-in calks. Boots made with these features are usually expensive, but our volume buying allows us to offer these durable boots at a value price.

Style# MH7801

List ~~239⁹⁵~~

MADSEN'S

1-2 **204⁹⁵**

3+ **199⁹⁵**

We stock sizes:

7.5 to 13 in D width &

7.5 to 13 in EE width

LaCrosse Calked Boots

LACROSSE CALKED BOOTS begin as hiking boots, but the lug bottoms on the original soles are ground off and replaced with a second sole containing screw-in spikes. They also feature a waterproof breathable Hyper-Dri liner.



MADSEN'S
169⁹⁵

We stock sizes:
7.5 to 13 in Medium &
8.5 to 13 in Wide

Danner Pronghorn Calks

DANNER doesn't make boots with calked soles, so the original Pronghorn sole tread is ground off by a local boot-maker and replaced with a second sole containing screw-in spikes. The end result is a lightweight and waterproof calked boot. These boots are not as durable and do not offer the support of conventional leather calks, but they are light-weight and less expensive. Users also report that they break in quickly and are comfortable right from the start.



The taller tops also offer more ankle support than the boots above. The higher tops also are better for keeping wood chips out of your
Style# 42282C

MADSEN'S
219⁹⁵

We stock sizes:
7 to 14 in D width &
8 to 13 in EE width.

Insulated 'Pac' Style Boots

"PAC" STYLE BOOTS have leather uppers and waterproof rubber bottoms. Add in felt liners, and the result is lightweight boots that keep feet warm and dry. The boots have 14" uppers for ankle support and protection. These full grain leather uppers are triple stitched where the leather joins the rubber bottoms. The seams are also glued and sealed.

Fitting advice: These boots are available in full sizes 6 - 14. They run true to size and are sized *with* the felt liner in place. If you wear a size 10 in regular boots, buy a 10. If you wear a 9 1/2, buy a 10, because there are no half sizes.



Extra liners are
\$21⁹⁵ per pair.

List ~~214⁹⁵~~
MADSEN'S
1-2 **189⁹⁵**
3+ **184⁹⁵**

Also available
with optional
rubber lug
nipple claw
bottom sole.



XTRATUF Calked Rubber Boots

XTRATUF BOOTS are well known for comfort and durability. They are made in the USA of tough neoprene rubber which is softer, lighter, and more pliable than ordinary rubber. They also have a snug ankle fit and 16" tops - two more features loggers like. Since the manufacturer doesn't offer a spiked boot, our friends at Hoffman's grind off the tread and add an extra sole with replaceable screw-in spikes.



See page #91 for information on the non-calked version of this boot.

List ~~165⁰⁰~~

MADSEN'S

1-2 **159⁹⁵**

3+ **154⁹⁵**

Add \$15 for insulated boots.

Available in whole sizes: 7 - 13



Rubber Boots with Cut Protection

CALKED RUBBER BOOTS by Viking Askim have steel toes and cut protective material laminated into the front of the boots. The spiked-bottom soles are built right into the boot at the factory, so there is no secondary sole to separate. The uppers are made of high content natural rubber and the liners are 100% cotton. If you are looking for a super-durable rubber boot, this is it.



List ~~200⁰⁰~~

MADSEN'S

1-2 **169⁹⁵**

3+ **159⁹⁵**

Available in whole sizes: 5 - 13



Calked Rubber Boots

CALKED RUBBER BOOTS by Hoffman have 12" tops and steel shanks. They also have a full-lace front for more ankle support than most slip-on boots offer. This feature makes the boots easier to put on and take off, too. These boots also have a 3mm felt lining for warmth and comfort.



List ~~149⁰⁰~~

MADSEN'S

1-2 **134⁹⁵**

3+ **129⁹⁵**

Available in whole sizes: 7 - 13



MADSEN'S Lug Sole Boots

MADSEN'S LUG SOLE WORK BOOTS are custom made for Madsen's here in the USA. We took the durable leather uppers used on our calked boots and mated them with Vibram lug soles and block heels. Additional features include: steel shanks, leather heel inserts, and brass eyelets and hooks. Lace-to-toe boots made of these materials are usually expensive, but our volume buying allows us to offer them at a value price.

Style# MH7809

MADSEN'S

1-2 **184⁹⁵**

3+ **179⁹⁵**

We stock sizes:
7.5 - 13 in D width
& 8 - 13 in EE width
in full and half sizes.



Wesco Jobmaster Boots

WESCO LUG SOLE WORK BOOTS have 10" tops and are made like popular Wesco calked bottom boots, but fitted with Vibram lug soles. This makes them great boots for operating equipment or other uses where calked bottoms are not practical. Additional features include: Rolled leather top facing, an all leather mid-sole and heel base, heavy-duty stitching, a formed Stytherm counter, all leather gussets, and removable Ortholite foam slip-in inserts.

Style# 210100

List ~~404⁰⁰~~

MADSEN'S

359⁹⁵

We stock sizes:
8.5 - 12 in D & E
width in full and
half sizes.



Wesco Climber's Boots

WESCO CLIMBING BOOTS are made especially for arborists and linemen, because they are made for wearing with climbing spurs. They share many features with the boots above but have extra features that increase their comfort and durability when climbing. These include: extra tall tops, extra steel plates in the heel area, sturdy shanks, and additional leather flaps on the outers for extra wear caused by pole or tree bark abrasion.

Style# 9716100

List ~~450⁰⁰~~

MADSEN'S

389⁹⁵

We stock sizes:
8.5 - 13 in D & E
width in full and
half sizes.

Lineman's climbing boots have an extra outer layer of leather for skuff protection.



If you require special features, we can special order your boots with custom items.



Danner Vandal

VANDALS have a full-grain leather upper with a 6" top. This is protected by a water and wear-resistant Teck-Tuff just above the sole area. Inside the boot is a 100% waterproof/breathable Gore-Tex lining. The boot is based on a Terra Force platform, which reduces the weight of the boot without losing performance. Other features include an oil/slip-resistant Danner/Vibram out-sole and a dual-density mid-sole. Included is an achilles-heel pad and Fatigue Fighter foot-bed that helps provide all-day comfort. Style #15527.

List ~~209⁹⁵~~
MADSEN'S

189⁸⁵

We stock sizes:
8-13 D width &
8-13 EE width
including 1/2 sizes.



Danner Pronghorn

PRONGHORNS have a full-grain leather upper with an 8" top. Teck-Tuff material on sewn on the toe and heel provides additional wear protection in these areas. The boot is based on Danner's Terra Force platform, which offers good stability and support, without extra weight. Inside the boot is 200g Thinsulate insulation and a Gore-Tex lining making the boot warm, waterproof, and breathable. The Danner Mountain Goat out-sole offers superior traction over rugged terrain. The bed of the boot is finished with a Fatigue Fighter insole for comfort. Style #42291.

List ~~209⁹⁵~~
MADSEN'S

189⁹⁵

We stock sizes:
8-13 D width &
8-13 EE width
including 1/2 sizes.



See page #83
for a caked
Pronghorn



Danner Quarry

QUARRYS are good boots for work, hunting, or any outdoor activity. We carry both men's and women's sizes. A version with a non-metallic safety-toe is available for work-sites that require hard-toe boots. Both versions have full grain black leather uppers. They also have waterproof Gore-Tex liners and dual-density Vibram Cascade soles. These long wearing soles have aggressive lugs for outdoor traction. Style #14521 has a soft toe. Style #14519 has a safety toe.

List ~~229⁹⁵~~
MADSEN'S

209⁹⁵

Safety Toe Add
\$10.

We stock sizes:
7-13 D width &
8-13 EE width
including 1/2 sizes.



Danner Radical

RADICALS are great work shoes, but their stylish looks make them good shoes for casual wear, too. Danner's exclusive Terra Force platform delivers lightweight stability to the job-site or wherever you choose to wear them. They also feature oil resistant Pro Grip soles and waterproof Gortex® linings. These shoes are imported, but their quality is 100% Danner.

Style# 45254

List ~~184⁹⁵~~

MADSEN'S

164⁹⁵

We stock sizes:
8-13 in D and EE
widths including
1/2 sizes.



Timberland Titan

TITANS feature a safety-toe and full-grain brown leather uppers with 6" tops. They also have slip, abrasion, and oil-resistant soles. The polyurethane midsole is lightweight and provides cushioning. They also feature a contoured OrthoLite footbeds. An anti-microbial lining also works to keep feet dry and comfortable.

List ~~130⁰⁰~~

MADSEN'S

110⁰⁰

We stock sizes:
7 - 13 in both D
& EE width.



MADSEN'S Romeo Slippers

ROMEOS can be worn indoors as slippers or outdoors as shoes. They are made in the USA to our specifications and feature tough leather uppers and VIBRAM® wedge boot soles. These soles have tread for grip, but clean well, which reduces tracking of mud or debris.

MADSEN'S

1-2 **99⁹⁵**

3+ **89⁹⁵**

Sizes available:
In half sizes 7 to
13 in D width, 8
to 13 in EE width.

At the end of the day, pull off your boots and treat your feet to the special comfort only a MADSEN'S ROMEO can give.



See Madsen's for Red Wing Boots

Madsen's is a full service Red Wing dealer. Please stop in for a fitting. We'll measure your feet and help you select a Red Wing boot that fits both your needs and budget. Can't find a special style or size? Try us. We have many styles and sizes in stock. If we don't have what you need, we'll order it for you.



CAROLINA®

Built For Work.



Value Logger

The VALUE LOGGER has an 8" top and a brown leather upper. It features a one-piece rubber lug out-sole with welt construction and a steel shank. It is electrical hazard rated. Don't let the low price fool you, this is a darn good boot. Style# 821.

List ~~90⁰⁰~~
MADSEN'S

79⁹⁵

We stock sizes:
7.5 D - 14 D &
8.5 EE - 13EE.



Waterproof Hard-Toe Logger

The WATERPROOF HARD-TOE LOGGER has an 8" top and a copper colored leather upper. Its features are similar to the boot above, plus it also has a waterproof "scubaliner" and steel safety toe-cap. Again, this boot is imported, but offers quality and features usually found on boots costing twice as much. Style# CA9821

List ~~139⁰⁰~~
MADSEN'S

114⁹⁵

We stock sizes:
7.5 D - 14 D &
8.5 EE - 13EE.



USA Logger

The USA LOGGER is made in the USA. It has a 9" top and a full-grain black leather upper. It features a one-piece Vibram out-sole, a heavy-duty steel shank, and a Poron Permafresh insole for comfort. This boot is also electrical hazard rated. Given its quality components and the fact it is made here in the US, it is also an excellent value. Style # 922

List ~~179⁰⁰~~
MADSEN'S

147⁹⁵

We stock sizes:
7.5 D - 13 D &
8EE - 11EE.



SERVUS by Honeywell **PVC XT Boot**

PVC XTPS are rugged boots that give dependable waterproof protection at an economy price. They are seamless molded boots that are reinforced at critical stress points. The hard-toe version meets ANSI spec 241 1999 section 1 for impact/75 and compression/75 toe protection. They are both made in the U.S. We stock them in whole sizes: 7-13. Plain toe style #75109. Safety toe style #75120.

List To ~~45⁹⁹~~
MADSEN'S

36⁹⁹

Add \$7. for the
hard-toe version



Waterproof Pac

The WATERPROOF PAC has a leather upper which is sewn to a rubber bottom. The brushed nylon inner-liner that wicks moisture to keep feet dry. It also has a steel shank for support. This is a good sport boot for outdoor wear in cold conditions. We stock them in whole sizes: 7-13. Style #A486.

List To ~~90⁹⁹~~
MADSEN'S

72⁹⁹



Insulated Safety Pac

The INSULATED SAFETY PAC has a leather top and rubber bottom. It also has a safety toe cap and removable insulated liner. The 3/8" felt midsole offers added warmth under foot and the steel shank offers support. This boot also has a cleat style sole and heel. This heavy duty rubber work boot meets ANSI Z41 1995 section 1 safety standards. We stock them in whole sizes: 7-13. Style #A521.

List To ~~101⁹⁹~~
MADSEN'S

81⁹⁹



16" Insulated Boot

The 16" BLACK RUBBER INSULATED BOOT has high tops for extra protection. It also has a steel shank for support and has cushion insoles which reduces fatigue for all day comfort. We stock them in whole sizes: 7-13. Style #T350.

List To ~~74⁹⁹~~
MADSEN'S

59⁹⁹

Muck Chore Boots



MUCK BOOTS feature flex foam booties that are waterproof, lightweight, and flexible. They form to the wearer's calf for maximum comfort. Customers report these are the most comfortable "rubber" boots they have ever worn. Among their features are steel shanks for added support and moisture control linings that wicks away perspiration.



Above: The tall boot is the standard Chore and the shorter one is the mid cut

Available in men's whole sizes: 6 - 13 and women's whole sizes: 7 - 14

Type	Part#	List	MADSEN'S PRICE
Chore Boot	CHH000A	104⁹⁵	89⁹⁵
Chore w/Hard Toe	CHS000A	119⁹⁵	109⁹⁵
Mid Cut Chore	CHM000A	99⁹⁵	84⁹⁵

Muckmaster Boots



MUCKMASTER BOOTS are similar to the Muck Chore Boots, but feature aggressive high-traction out-soles for grip and stability. Additional features include high rubber overlays for protection against rocks and brush, 2mm thermal foam underlay for additional warmth, and additional achilles overlays for extra protection. Contoured foot-beds offer comfort and support for all-day use. Style #MMH500A.

List ~~129⁹⁵~~
MADSEN'S
119⁹⁵

Available in men's whole sizes: 7 - 13

Muck Camp Shoes



MUCK CAMP SHOES are waterproof slip-ons. They are similar to the Chore Boots, but are low cut making them easy to get on and off. One customer described his Muck Camp Shoes as, "waterproof romeo slippers." Keep a pair next to the wood stove, and slip them on when you go out for firewood. If you have a boat or motorhome, pack these instead of rubber boots because they take much less space. And don't forget a pair for the co-pilot or first-mate. Style #EWCC333T

List ~~79⁹⁵~~
MADSEN'S
69⁹⁵

Available in men's whole sizes: 7 - 13

SCRUSHER® Boot Brush

Mount a SCRUSHER near the entrance to your home or office and keep dirt outdoors where it belongs. The stiff bottom bristles remove debris from even deep treads, while the soft side brushes won't scratch the uppers. Made in the USA.

List ~~34⁹⁵~~
MADSEN'S
 1-3 **26⁹⁵**
 4+ **23⁹⁵**



#22272
 Standard
 Knee Boot
 Sizes: 4 - 14

XTRATUF Rubber Boots

XTRATUF BOOTS are made of neoprene rubber that is triple-dipped in a special sealant. This makes them resistant to chemicals and oil. This also makes them softer, lighter, and more pliable than ordinary rubber boots.

These boots feature built-in cushion insoles with arch support, fabric lining, supportive heel counters, and extra-thick bumpers for toe and heel protection. The chevron slip-resistant soles grip smooth wet surfaces for better traction and stability.



#22273
 Insulated
 Hard Toe
 Sz: 8 - 13

#22271
 Hard Toe
 Sz: 6 - 13

#22274
 Insulated
 Sz: 5 - 14

#22172
 12" Top
 Sz: 6 - 13

#22170
 6" Top
 Sz: 6 - 13



See page #84
 for calked
 Xtratufs.



Kid's
 Xtratufs
 \$26.99

Type	Safety Toe	Insulation	List	MADSEN'S PRICE
#22272 Standard Knee Boot			119⁹⁹	95⁹⁹
#22271 Boot w/Safety Toe	X		126⁹⁹	100⁹⁹
#22273 Boot w/Safe Toe & Insulation	X	X	149⁹⁹	116⁹⁹
#22274 Boot w/Insulation		X	137⁹⁹	109⁹⁹
#22172 12" Boot			106⁹⁹	84⁹⁹
#22170 6" Boot			102⁹⁹	81⁹⁹

Soft-Toe Crew Socks

ALL-SEASON WORK SOCKS come in a two-pair-pack. They are made of 45% ring-spun cotton, 28% nylon, and 2% spandex. This mid-weight sock has a cushioned foot and is reinforced in the toe and heel area. The sock is crew length, which means it is not as tall as a boot sock. For most users, this sock works well in shoes and boots with tops 8" and less. Available in sizes L, & XL. Style# 6542.



FOX RIVER

List ~~12⁹⁹~~

MADSEN'S

2-Pack **8⁴⁵**

Steel Toe Boot Socks

STEEL TOE BOOT SOCKS have a double-cushioned sole and toe box, which makes them especially good for use in boots with safety toes. They are made of 84% acrylic, 14% stretch nylon, and 2% Spandex. This combination of fibers keeps feet dry, warm, and comfortable. They also feature a stay-up leg, a reinforced foot bottom, and a smooth looped toe seam. Their precise boot-to-sock fit insures comfort in any type of work boots. Available in sizes M - XL. Style# 6510.



FOX RIVER

List ~~12⁹⁹~~

MADSEN'S

1-5 pr **8⁴⁵**

6+ pr **8⁰⁵**

Cotton Blend Work Socks

COTTON BLEND WORK SOCKS are made of 80% cotton and 20% stretch nylon. They feature terry-knit in the foot area and a non-terry leg. The toe and heel area are also reinforced. Cotton is a natural fiber, so people with sensitive skin will find these very comfortable. They are also a heck-of-a value – a heavyweight sock at a very reasonable price. Available in size L only. Style# GM330.



CLEAR CREEK

List ~~5⁵⁹~~

MADSEN'S

1-5 pr **3⁹⁵**

6+ pr **3⁴⁹**

Crew Socks Value Pack

CREW SOCKS VALUE PACK come in a six-pair-pack. They are made of 87% ring-spun cotton, 11% nylon, 1% polyester, and 1% spandex. This mid-weight sock is for light work or everyday casual wear in moderate to hot temperatures. It can also be used for layering. The cotton content absorbs moisture and draws it away from the skin. For most users, this sock works well in shoes and boots with tops 8" and less. Available in size 10-13. Style# A6546

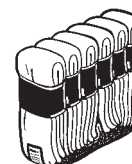


FOX RIVER

List ~~14⁹⁹~~

MADSEN'S

6 Pair **9⁹⁵**



Rugged Thermal Boot Socks

COLD WEATHER BOOT SOCKS are made of 62% hi-bulk acrylic, 20% stretch nylon, 17% worsted wool, and 1% Spandex. They feature a fully thermalined construction that absorbs shocks and insulates. They also have a non-terry vamp to reduce bulk and a flat toe seam. The toe and heel – high wear areas – are nylon-reinforced. Available in sizes M, L, & XL. They are also available in kid's sizes: Small & Medium. Style# 6640.


FOX RIVER

List ~~11⁹⁹~~
MADSEN'S

1-5 pr **8⁹⁵**

6+ pr **8⁵⁵**

Trackmaster Crew Socks

TRACKMASTER CREW SOCKS are a medium weight fully cushioned thermal crew socks made for cold weather wear. They are made of 75% Merino wool, 24% nylon, and 1% Spandex for stretch and resiliency. They feature a reverse toe closure and a mock rib welt top that helps keep the socks up. They are fully cushioned and provide all-day comfort on cold days. Available in sizes M & L. Style# 2099.


FOX RIVER

List ~~13⁹⁹~~
MADSEN'S

1-5 pr **8⁹⁵**

6+ pr **8⁵⁵**

Steel-Toe Wool Socks

ARCTIC BOOT SOCKS are made of 88% worsted wool, 10% nylon, 1% high bulk acrylic, and 1% Spandex. They feature a full knit body with extra cushion in the toe and sole. They also have flat toe seams and the heels are reinforced. The added Lycra helps the socks stay up. These are excellent cold weather boot socks. They will keep your feet warm even in cold working conditions. They are available in sizes M, L, & XL. Style# 6650.


FOX RIVER

List ~~13⁹⁹~~
MADSEN'S

1-5 pr **9⁹⁵**

6+ pr **9⁵⁵**

Merino Wool Socks

MERINO WOOL SOCKS have an outer layer of 85% Merino wool, 14% stretch nylon, and 1% Spandex. The inner layer is fully thermalined for extra comfort and shock absorption. The heel and toe are reinforced for extended wear. The toe has a flat smooth seam for extra toe comfort. Super-soft Merino wool provides itch free comfort and naturally moves moisture away from the foot. The sock also has a Lycra® arch brace for support and snug fit. Available in sizes M, L, & XL. Style# 7014.


FOX RIVER

List ~~17⁹⁹~~
MADSEN'S

1-5 pr **11⁹⁵**

6+ pr **11⁵⁵**

Wick Dry Thermals

WICK DRY THERMAL heavyweight socks are made of 65% Duraspun® acrylic, 20% worsted wool, 14% nylon, and 1% Spandex. This blend wicks moisture from your feet into a moisture absorbing outer layer. The result is warm and dry feet. The nylon serves to make the combination abrasion resistant. The body of the sock is "terried" or looped inside for cushion. The color is grey with an olive top. Available in sizes M - XL. Style# 7586.



FOX RIVER

List ~~9⁹⁹~~
MADSEN'S
 1-5 pr **7⁴⁵**
 6+ pr **7⁰⁵**

Logger's Socks

Dry feet are comfortable and healthy feet. That's one of the reasons LOGGER'S SOCKS are our best selling work socks. They contain high bulk Orlon acrylic, a miracle fiber that wicks moisture away from the feet. When this Orlon is combined with high stretch nylon, the results are very durable socks which will keep feet warm and dry. The full terry knit also provides cushion and thermal insulation. Logger's Socks are white with red tops. They are made of 80% Orlon acrylic, 10% cotton, 9% nylon, and 1% Spandex. Available in sizes M - XL. Style# 7587.



FOX RIVER

List ~~10⁹⁹~~
MADSEN'S
 1-5 pr **7⁹⁵**
 6+ pr **7⁴⁵**

Poly/Wool Socks

POLY/WOOL BLEND extra-heavyweight socks are 36% Merino wool, 36% polyester, 14% nylon, 13% acrylic, and 1% Spandex. The Wick Dry system moves moisture away from the skin, which helps keep your feet dry under a variety of weather and temperature conditions. This helps reduce hot spots, which can eventually lead to blisters. These socks are warm, comfortable, and long-wearing. Available in sizes M & L. Style# 7359.



FOX RIVER

List ~~12⁹⁹~~
MADSEN'S
 1-5 pr **8⁹⁵**
 6+ pr **8⁵⁵**

Wool Work Socks

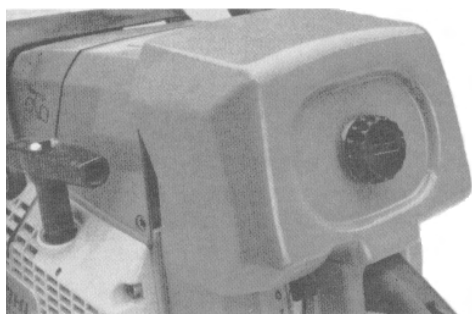
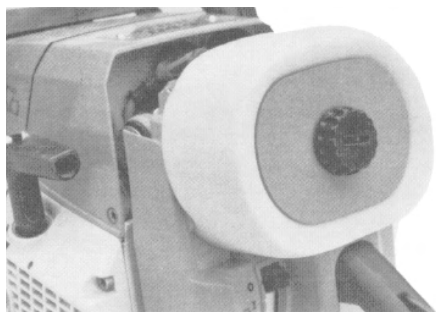
WOOL WORK SOCKS are extra-heavyweight work socks made of 84% worsted wool. This premium wool is preshrunk to insure fit throughout the leg and foot. The balance is a blend of 9% acrylic, 6% nylon, and 1% Spandex. These socks are terry knit in the foot area, while the leg is rib knit. The over-the-calf leg length insures a good fit even with tall rubber or leather boots. Available in sizes M - XL. Style# 7267.



FOX RIVER

List ~~13⁹⁹~~
MADSEN'S
 1-5 pr **9⁹⁵**
 6+ pr **9⁵⁵**

MAX-FLOW Air Filters



The Max-Flow filter system is easy to install and does not require any modification to the chain saw. The kit includes: a filter cage, a heavy-duty rain cover, two foam elements, a nut plate, and instructions. The system can be used with or without the rain cover.





The kit comes with two elements. Each has different pore sizes for different working conditions. A small pore foam element is best when working in dusty conditions. The large pore foam offers maximum flow, but does not filter fine particles. Both filters are washable and reusable. MAX-FLOW recommends using BEL RAY foam filter oil after each cleaning.

Max-Flow filter kits are available for STIHL 044, MS440, 046, MS460, 066 & MS660. Please specify which saw you are fitting.

MADSEN'S PRICE	48⁹⁵
Replacement Foam Elements	13⁷⁵
BEL RAY Filter Oil - one liter	13⁹⁵

Pro Saw Performance Air Filters

Shown below are a number of popular air filters. Some require velocity stack adapters and modification to the filter cover housings. We carry a few filters not listed here and several stack adapters. Please contact us for information on the filter options for your saw.

Type	Description	Fits	MADSEN'S PRICE		
			List Price	1-4 ea	5+ ea
#K&N 1	 1 3/4" flange diameter		25⁹⁵	21⁹⁵	20 ⁹⁵
#K&N 4	 2" flange diameter		26⁹⁵	22⁹⁵	21 ⁹⁵
#K&N 12	 1 1/4" flange diameter Note: It will fit under the stock cover. We also stock a version the fits the HUSKY 272	Fits HUSKY 288 & 394	26⁹⁵	22⁹⁵	21 ⁹⁵
#UNI 1	 Small white foam (066 needs cover plate)	Fits HUSKY 266, 288, 2101 STIHL 044, 046, 066, 088	8²⁵	5⁶⁵	5 ¹⁵

LOCTITE®



LOCTITE is a pro saw user's friend. It will reduce down time more than anything else we sell. We use both types in our shop.

LOCTITE #242 THREAD LOCKER:

- helps hold screws which attach shrouds
- is good for holding delicate screws
- is best if you plan to disassemble at a later date

LOCTITE #271 STUD & BEARING MOUNT :

- helps hold main bearings to case mounts
- helps hold bar studs & dawg bolts in place
- should be used when installing TIME-SERTS

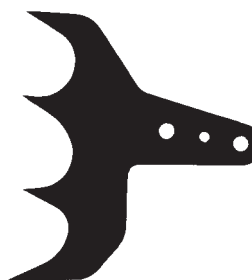
Tip: When disassembling a component that was assembled with #271 heat the fasteners to release the bond.

Price is for either #242 or #271. Please specify which type you want when ordering.

List	11⁹⁵
MADSEN'S	
1-9	8⁹⁵
10+	8⁵⁰

Faller's Dawgs

FALLER'S DAWGS are laser cut from heat treated alloy steel. They are designed to be used in matching pairs. Their large tooth design works great for gripping deep or rough bark. The point positions are also designed to maximize leverages with long cutting attachments.



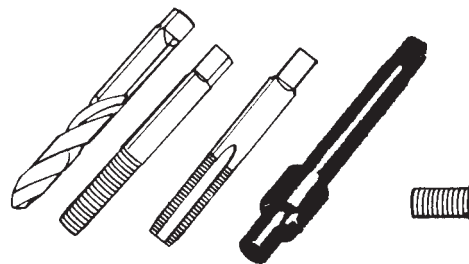
Pictured left: This dawg is the outside dawg for a HUSQVARNA 395. It fits on the outside of the bar cover and is mounted on the bar studs like the factory dawgs. The inboard dawg mounts on the main case on the factory mounting points.

We carry them for current models of STIHL and HUSQVARNA falling saws. Most dawgs are under \$12 each. Please specify what model saw you are fitting when ordering.

TIME-SERT® Thread Repair Kit

We repair stripped threads in our shop with TIME-SERTs. We prefer them over other thread repair systems because they are a solid bushing thread insert. Their thin-walls have synchronized internal-external threads and make an excellent repair. They are also easy to install and lock into place.

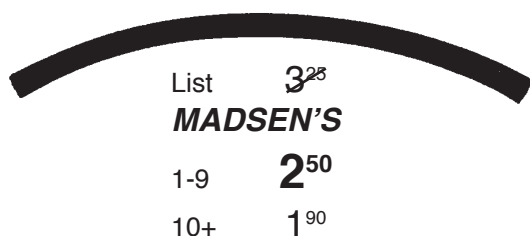
Each kit contains a drill, counterbore, cutting tap, & insert driver. When ordering a kit, please also order inserts.



Size X Thread Pitch	For Saws	For Component Repair	MADSEN'S PRICE	
			Kit Price	Inserts
4mm X .8	STIHL	oil pump & ignition screws	64³⁰	1 ⁰⁵ ea
5mm X .8	STIHL HUSKY	most buffers & housing screws most housing screws	57⁴⁰	1 ⁰⁵ ea
6mm X 1	STIHL	buffer mounts, cylinder bolts	53⁹⁰	1 ⁰⁵ ea
8mm X 1.25	STIHL	small block bar studs on most models	57⁴⁰	1 ⁰⁵ ea
14mm X 1.25	STIHL	spark plug	114⁶⁵	2 ¹⁰ ea

Heat Shrink Tubing

HEAT SHRINK TUBING can easily repair damage to the insulation on a saw's wiring. Simply place the tube over the exposed wire and heat. The tubing will shrink and grip the wire tightly making a new layer of insulation. This repair is less bulky and more durable than black tape. The quantity is one 12" section. #HS-12



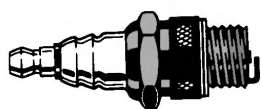
Duct Tape

DUCT TAPE can temporarily repair nearly anything. It can fix a torn rain-coat. It can hold a broken cover on a saw. It can be used to reinforce the fingers on work gloves. We even use it to reinforce shipping boxes when we're sending out a heavy item. This tape is good quality -- it's tough and will stick to almost anything.



BOSCH Spark Plug

#WSR6F SPARK PLUG works in most models of STIHL & HUSKY saws. It is a high quality resistor type plug with an extended tip.

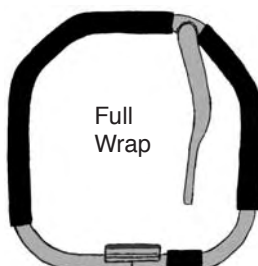
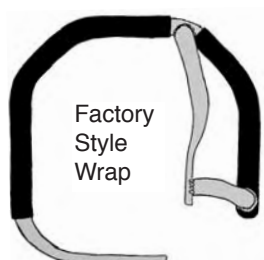


Black Electrical Tape

BLACK ELECTRICAL TAPE is a timber faller's fix-all. In addition to electrical repairs, it can be used for things like taping sticks to broken handle bars to finish the day. Having a roll around can often save a long pack out of a deep hole.



USA Handle Bars



USA handle bars are available to fit the following pro saws:

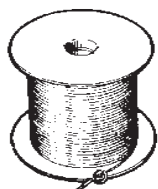
- Stihl 044/046/440/460 factory style wrap
- Stihl 044/046/440/460 full wrap
- Stihl 066/660 factory style wrap
- Stihl 066/660 full wrap

USA HANDLE BARS are made of light-weight alloy material. They fit in the factory positions and come with durable handle grips. Please ask about mounting screws for your application.

MADSEN'S PRICE 49⁹⁵

Starter Rope

STARTER ROPE is made of nylon and features a multi-carrier outer braid and special core for strength. This is unique design resists fraying and wear on starter bushings. The rope is strong, yet flexible. It is made in Germany.



MADSEN'S PRICE

200' roll of 3.5mm (#4.5) **22⁸⁵**

325' roll of 4.5mm (#5) **36⁵⁵**

A 3.5' section in either size is \$1.99.

Octane Booster



TK-7 OCTANE BOOSTER works great in today's high performance chain saws. When pump octane is too low, add this for more octane. Bottle size is 5 ounces.



List ~~11⁷⁵~~
MADSEN'S

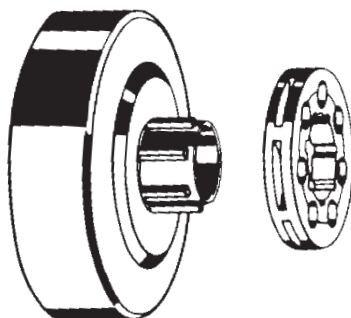
1-11 **7⁴⁵**

12+ **6⁹⁵**



Sprocket System

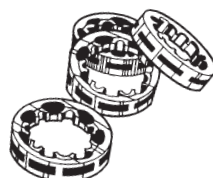
The FLOATING RIM SPROCKET SYSTEM is the ultimate drive sprocket. It allows the chain to align perfectly with the groove in the bar through the use of a precision rim that "floats" on a splined hub. Also, if the chain derails, the spline does not destroy the chain's drive links. The system is easy to install and is available to fit most chain saws.



Call us for the price of a system that fits your saw.

Replacement Rims

REPLACEMENT RIM SPROCKETS for the above system are available in $\frac{3}{8}$ " X 7, $\frac{3}{8}$ " X 8, .404" X 7, and .404" X 8. Please specify pitch and tooth count when purchasing.

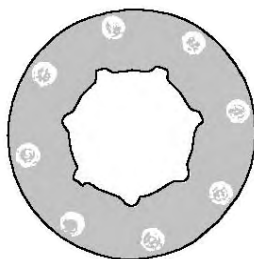


List ~~6²⁰~~
MADSEN'S

1-9 **4⁹⁵**

10+ **4⁴⁵**

High Tooth Count Racing Sprocket



PIN DRIVE RACING SPROCKETS are available in tooth counts from 8 to 16 and in $\frac{1}{8}$ ", .404", and $\frac{1}{2}$ " pitch. They can be spline bored to fit OREGON clutch hubs or straight bored with standard keys. Racing sprockets are made of heat treated alloy steel.

Tip: These do not work well on production saws.

MADSEN'S PRICE

$\frac{3}{8}$ x 9 pin **23³⁰**

$\frac{3}{8}$ x 10 pin **24⁹⁰**

404 x 9 pin **28³⁵**

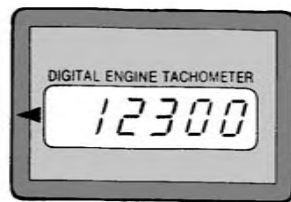
Carb Adjustment Screwdriver



The CARB ADJUSTMENT SCREWDRIVER has a thin blade and a long shank to fit the adjustment screws on most chain saw carburetors. It also features a handy pocket clip.

MADSEN'S
1⁹⁵

Digital Engine Tach



Engine RPM is easy to measure with this battery powered DIGITAL TACHOMETER. Carb adjusting becomes simple -- just turn the adjustment screw, watch the tach, and set the desired RPM.

On saws, RPM measurement is accomplished by pointing the unit near the spark plug wire. The unit picks up the spark pulses and counts them with its built in micro-computer. It quickly calculates the amount of sparks that will occur in a minute and displays the number.

MADSEN'S PRICE **99⁹⁵**

Combination Spark Plug & Bar Wrench



COMBINATION BAR WRENCHES fit most European saws. We stock a large inventory of many different styles. Please specify type and version when ordering.

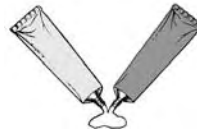
List **4²⁵**
MADSEN'S
1-9 **3⁹⁵**
10+ **3⁴⁵**

Epoxy Repair Kit

QUIK STEEL is an epoxy repair that is resistant to gas, oil, and water. It is good for fixing fuel tanks damaged by thrown chains and so on.

A repair kit contains two tubes -- one is an epoxy paste and the other a hardening compound. When mixed together, the blend hardens, setting up in fifteen minutes and fully curing in one hour.

QuikSteel



List **8⁶⁵**
MADSEN'S
1-5 **6⁵⁰**
6+ **5⁹⁵**

"T" Handle Allen Wrenches



- The 3mm size is used for removal of oil pumps and some ignition components.
- The 4mm size fits many standard exterior components on HUSKY and older STIHL saws.
- The 5mm size is used for cylinder removal on older STIHL and some mounting components.
- The 3/16" size is used for cylinder removal on older HUSKYS and some mount components.

List Price ~~5⁸⁵~~
MADSEN'S **2⁸⁰**

"T" Handle Torx Wrench

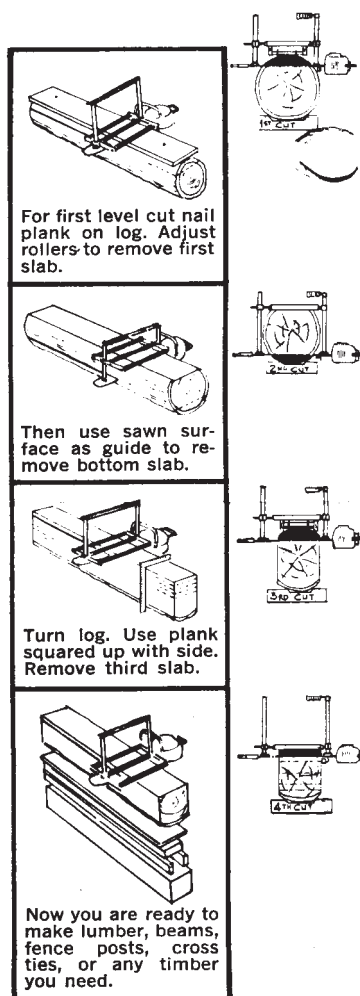


The TORX WRENCH fits most fasteners on late model

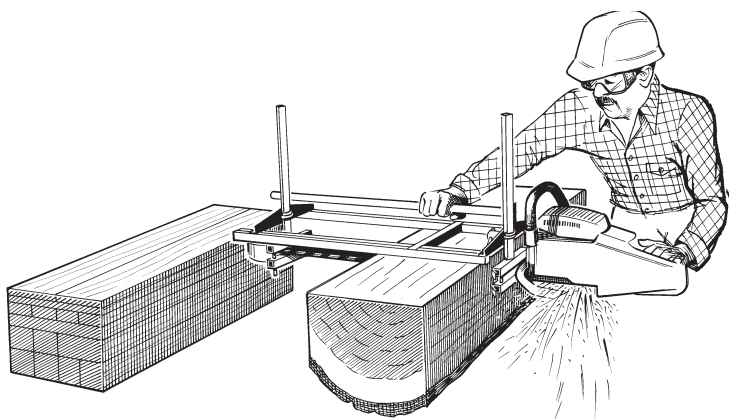
List Price **10⁹⁵**
MADSEN'S **8⁷⁵**

Alaskan Saw Mill

How an Alaskan Saw Mill Works



Now you can make your own valuable, smooth, and ready to use dimensioned lumber. Mill trees where they fall and produce boards of any thickness -- from half an inch to thirteen inches, widths up to fifty-four inches, and any desired length.

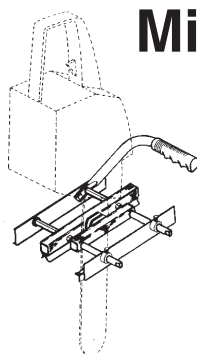


The ALASKAN SAW MILL is a portable mill attachment that clamps onto the chainsaw bar. It is best to buy the biggest mill that you think you will ever use because the mill will adjust down to accommodate shorter bar lengths. It is best to power this mill with one or more large chain saw motors.

Size	Description	Maximum Cut	MADSEN'S
24"	Alaskan Mill G-776-24	20"	179⁰⁰
30"	Alaskan Mill G-776-30	26"	189⁰⁰
36"	Alaskan Mill G-776-36	34"	199⁰⁰
48"	Alaskan Mill G-776-48	46"	239⁰⁰
56"	Alaskan Mill G-776-56	54"	249⁰⁰

Mini-Mill

The MINI-MILL is an economical milling device for producing lumber from smaller logs. It should be powered with a medium sized power saw. It can be used along with the MK III for squaring logs and edging slabs to increase production. It comes complete with 12 feet of guide rail in 2' lengths.



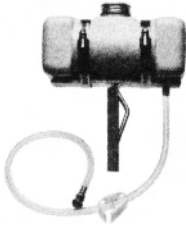
#G-555A

MADSEN'S PRICE

Extra "v" rail 2'

99⁰⁰
4⁹⁵

Auxiliary Oiler



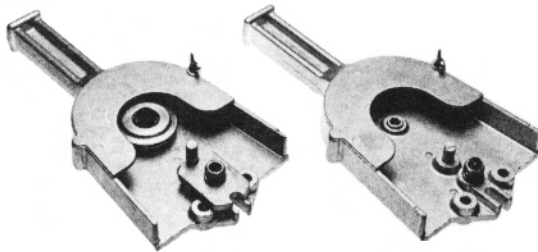
The OILER ASSEMBLY consists of a tank, mounting bracket, clamps, valves, and tubing. Proper oiling results in greater chain life and increased production.

#G-801

MADSEN'S PRICE 44⁵⁰

Helper Handle

The HELPER HANDLE is available with idler roller for double end bars, or without for standard bars. It is made of heavy die cast aluminum for light-weight and extra durability.

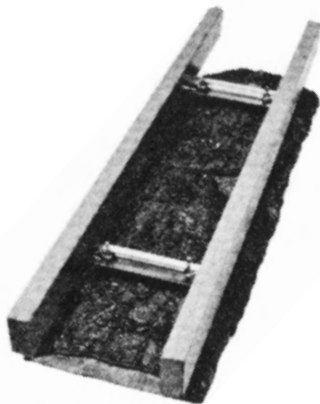


With roller #G-975

MADSEN'S PRICE 77⁵⁰

Without roller #G-971

MADSEN'S PRICE 41⁵⁰



Slabbing Rail Brackets

SLABBING RAIL BRACKETS ensure a mill's initial cut is smooth and level. They are used to attach two straight 2X4's to the top of a log. This supports and guides the saw mill. Subsequent cuts do not use slabbing rails, but are guided by the smooth and level surface they helped create.

#G-850

MADSEN'S PRICE 28⁵⁰

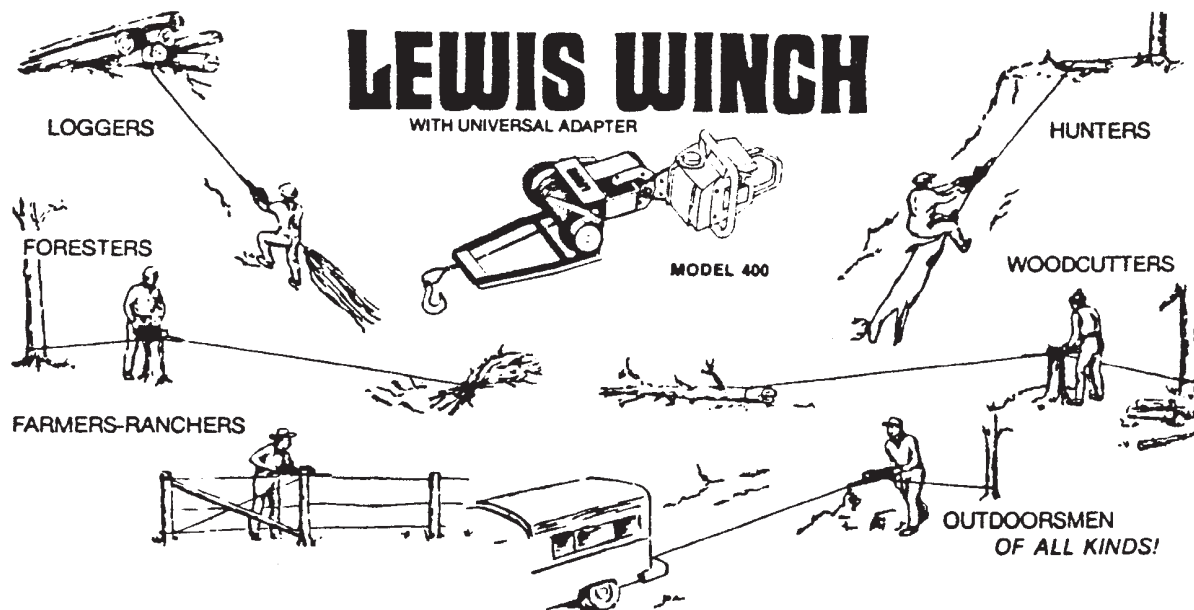
Double End Chain Saw Bar

The DOUBLE END BAR is made for use with two power heads or a helper handle with idler roller. Available in six different lengths: 44", 50", 56", 66", 72", and 84".



Call for price and availability.

Chain Saw Winch



A LEWIS WINCH is great for moving small logs for firewood. Hunters like it for dragging big bucks or for pulling out a truck out that is stuck in the mud. The winch has hundreds of uses because it can be taken anywhere you can take a chain saw.

Pulling capacity depends on the size of saw you use for power, but maximum pull is about 4000 lbs. We recommend mating the winch to a mid-sized saw. The engine should be at least a three cubic inches (or 50 cc). This combination will pack a lot of power in a small spot, because like a chainsaw, a Lewis winch is made of lightweight components.



This saw and winch combination weighs 47 lbs and is 33 inches long. The power head is a Husqvarna 365 which has a 65cc engine. Also shown is the tri-sided hand knob. This knob is used to disengage the winch for free wheeling.

List Price ~~1069⁰⁰~~

MADSEN'S PRICE

889⁰⁰

A Tree Saver Winch Strap is \$58⁵⁰.

A Snatch Block is \$62⁵⁰.



The winch mount shown connects directly to the saw's clutch/sprocket. Some saws have external clutches that prohibit this type of mounting. If a saw has an external clutch, the winch is mounted using a small bar and chain which is included.

The price includes 150' of 3/16" aircraft cable, so all you need is a spare powerhead. Assembly, installation on your saw, or spooling the cable onto the reel is extra. This is a job you can probably do yourself, but if you would like help setting it up for the first time, we simply charge for the amount of shop time required.

Chain Saw Rope Winch

A SIMPSON CAPSTAN ROPE WINCH is a great tool for hauling, dragging, or lifting. It turns any small chain saw into a rope pulling machine. Rope isn't as strong as cable, but it is flexible, light-weight and safer to use. Rope is usually more readily available and can be knotted or tied. With a capstan style winch, you're not limited to the length of cable that a drum will hold. Drum type winches also lose pulling power as the drum fills with cable - not the case with a capstan winch.



A Simpson winch weighs only nine pounds and easily attaches to most small chain saw powerheads. With a three cubic inch saw engine the winch will achieve its maximum pull of about 2000 lbs. The price does not include rope or powerhead.

MADSEN'S PRICE

649⁰⁰

A 300' roll of 5/16" double braided rope with 4200 lb tensile strength is \$149⁰⁰.



To install a Simpson winch on a chain saw powerhead, simply remove the cutting attachment from the powerhead and bolt the winch in its place. An adapter and cutterless chain are supplied to replace the saw's cutter chain and bar. Two wing nuts secure the adapter and saw to the winch. That's all there is to it.



Log Wizard

List Price ~~249⁰⁰~~
MADSEN'S PRICE

209⁵⁰

The LOG WIZARD has ball bearings on the rotor for long life and uses standard 3 1/4" planer blades for easy replacement. It comes with a universal spline that can accommodate any pitch sprocket. To install it on a saw, simply fit it up, drill two mounting holes in the bar, and fit up a chain. A slightly longer chain is required to drive the rotor.

The Log Wizard is an excellent farm or construction tool. It can be attached to almost any size or model chain saw. When attached to your saw, it can be used as a debarker, router, notcher, or planer. A Log Wizard is an essential tool for pole barn construction, for fencing, or for log home building. It is unbeatable for smoothing knots or fitting beams. The price does not include the saw, bar, or chain. Made in Canada.



HONDA

GENERATORS & PUMPS

Professional chain saw users often have a need for portable electrical power. A HONDA generator is a good source for using power tools, grinders, or lights. It improves the conditions on any work site.

Which size is most common?

Picking a generator can be tough because there are so many choices. Here are few suggestions:

- Need to run a few lights? A 1000 watt model will work great. It also comes with a built-in 12 volt battery charger.
- Need to also run a SILVEY® chain grinder? You'll want one that produces at least 3000 watts.
- Need to power everything above including a fully equipped camp trailer with an air conditioner? Consider a 7000 watt model.

Call or stop in. We will help you choose the best generator for your application.

What are watts?

Most generators are rated by the maximum amount of power or watts they can produce. HONDA generators show this in their model number. For example, an EU1000 will produce a maximum of 1000 watts.

- What are watts? Watts are: Volts X Amps. In other words, 110 volts X 4 amps = 440 watts. So if you don't know how much power a particular appliance requires, look in the owner's manual for the amps it needs to run. Sometimes this information can also be found on a tag on the unit. Once you know amps and volts, you can figure watts.
- When selecting a generator, remember it's rated at its maximum output, but it will not perform at this level for long periods. Also, remember that power cords and plugs reduce the efficiency of any generator. This means if you figure you need 2500 watts, buy a 3000 watt generator.



HONDA Generator

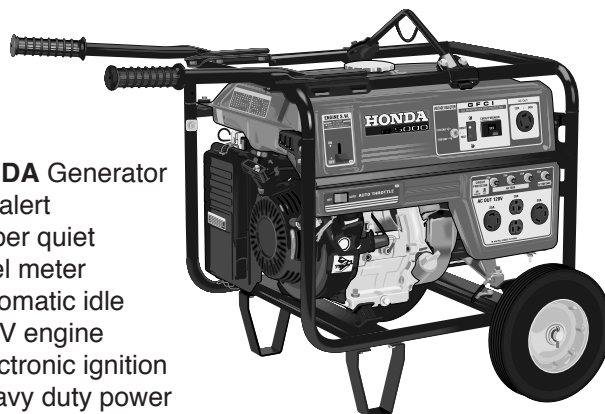
- Built-in battery charger
- Oil alert
- Super quiet
- Electronic ignition

What type generator is best?

HONDA generators come in many sizes and styles. It can be confusing to choose one. Here are some things to consider:

- Buy one that's a little bigger than you currently need. While weight and cost are important factors, there is no-such-thing as too much power.
- Make sure it has the features you need. If you end up buying a less expensive, but louder unit and run in a campground, your neighbors won't like you. Spending a little extra to get a quiet model with more features gives you additional flexibility.

If you need portable electrical power, a HONDA generator is the best solution. HONDA generators are quiet and efficient. Best of all, they are also reliable and easy-to-start.



HONDA Generator

- Oil alert
- Super quiet
- Fuel meter
- Automatic idle
- OHV engine
- Electronic ignition
- Heavy duty power

HONDA GENERATORS & PUMPS

HONDA offers excellent high pressure pumps in several sizes and capacities. They also have volume pumps. Impress your fire inspector with a pump that actually starts.



HONDA Heavy Duty Trash Pump

- Commercial OHV engine
- Oil alert
- Centrifugal, self priming
- Full frame

What about fire hoses?

We stock all the fittings, connections, nozzle, fire hose, and pickup hose to turn a HONDA pump into a fire pump.

Got questions? Call or stop in.

Please read the owner's manual before operating your Honda Power Equipment. Connection of a generator to house power requires a transfer device to avoid possible injury to power company personnel. Consult a qualified electrician.

© 2000 American Honda Motor Co. Inc.

What is the best type of pump?

HONDA offers several types of pumps: high pressure pumps, standard pumps, deluxe pumps, and trash pumps. Below is some general pump information.

• **Pressure pumps** do not produce as much volume as volume pumps with the same size motor. Most fire pumps are pressure pumps because the water usually has to flow through a hose and shoot into a fire. If you are planning to buy a fire pump, check the regulations in your area for pump specifications. We'll help you find a pump that meets those specs.

• **Volume pumps** can move the most water, but they operate at lower pressure. They are not able to pump water through long hoses or shoot water through small nozzles. Volume pumps are made for moving maximum quantities of water and are best for pumping out a basement, a swimming pool, or seepage on a construction site. Volume pumps can also be used for moving liquids other than water. Call for more information.



HONDA High Pressure Pump

- Easy-start OHV engine
- Centrifugal, self priming
- Oil alert

How To Troubleshoot An Air Leak On A Pro Saw

Air leaks often cause problems for pro saw users, yet few understand what one is. Even experienced operators often confuse the symptoms of an air leak with those of a carburetor problem -- a misdiagnosis that causes them to lose productive work time and spend money unnecessarily on replacement parts their engine doesn't need. The following information explains what an air leak is, why they occur, and how to remedy a saw engine that has one.

One reason crankcase air leaks are not well understood is because they are problems unique to two-cycle engines. Most other engines -- including other small engines -- are immune. Their crankcases are vented to the atmosphere, so they run at atmospheric pressure. Saw engines are not, and when air leaks into the crankcase, it causes problems. If your saw's engine over-revs, overheats, stalls on accelerations, or fails to idle, beware. These may be caused by an air leak.

How Air Flows Through A Saw Engine

To gain an understanding of what an air leak is, it helps to know how air flows through a two-cycle engine. (If two-cycle theory is mumbo-jumbo to you, skip to the heading: Where Air Leaks Occur.)

Everyone knows air begins its journey through a saw's engine at the air filter. After flowing through the filter, it travels to the carburetor, where it is mixed with a small amount

of fuel. After exiting the carburetor, it waits for the intake port on the cylinder to open.

As the air/fuel mixture waits for the port to open, inside the engine's cylinder, the piston is traveling up the cylinder. This is causing the volume of air in the crankcase to expand. This expansion creates a vacuum in the crankcase. When the piston nears the top of its stroke, its skirt uncovers the intake port. With the port open, the vacuum in the crankcase sucks the waiting air/fuel mixture into the engine's lower crankcase area.

When the piston reaches the top of its stroke, it reverses direction. On its way down, the piston skirt (bottom of the piston) closes the intake port, trapping the air/fuel mixture in the crankcase. As the piston continues down the cylinder, it compresses the air/fuel mixture that flowed in just a moment ago.



This hand air pump can produce both vacuum and pressure. Both are necessary for testing the integrity of a saw's maincase.

As the piston nears the bottom of its stroke, it passes by the transfer ports, opening them. With these ports open, the compressed air/fuel mix-

ture flows up into the engine's combustion chamber.

At the bottom of the stroke, the piston reverses direction again. On its way back up, it closes the transfer ports and compresses the air/fuel mixture in the combustion chamber.

As the piston nears the top of the cylinder, the spark plug ignites the compressed mixture. The burning air/fuel mixture creates heat and expanding gases push down on the piston. This is what rotates the crankshaft and makes engine power.

If you have never tinkered with a two-cycle engine, the last few paragraphs may not be meaningful. Fortunately, a full understanding is not really important for understanding air leaks. (If you are a visual learner and want to understand two-cycle theory better, there are several excellent animations available on the internet.) Instead, notice how many times the words "pressure" and "vacuum" were used. Even without a thorough understanding of two-cycle air flow, it is easy to see that an air leak would dilute both pressure and vacuum.

Where Air Leaks Occur

Air leaks can be caused by many things, but common culprits are the engine's main bearing seals, the cylinder's base gasket, or the crankcase gasket. Even the impulse hose, which runs from the crankcase to the carburetor, is often an offender. The best way to diagnose an air leak is with a pressure test. This

is usually done in a shop and with special tools.

To do a pressure test, the carburetor and muffler are first removed. Then the intake and exhaust port are blocked off with special plates. With the ports sealed, 6 - 8 lbs. of pressure is pumped into the crankcase area. If a pressure gauge drops more than one pound in a minute, the engine has an air leak that needs to be repaired.



If the needle on the gauge leaks down faster than one pound per minute, the engine has an air leak that needs to be repaired.

Once you determine the engine has a air leak, next you have to find it. When test pressure gushes from the engine, the air leak is large and usually pretty easy to find. Look for a piece of loose gasket material sticking out between mating surfaces or a missing head bolt - both obvious signs. If a saw has had an air leak for some time, look for a clean spot around an otherwise dirty component. Air leaks are notorious for sucking in local debris, so look for an area visibly cleaner than the rest of the engine.

If the test pressure leaks out slowly, the location of a leak may be a little harder to find. Sometimes a little WD40 or soapy water sprayed around a suspected area helps. When

you see bubbles, you've located a leak. Once it's been located, the cause is usually obvious.

Once a leak has been found and fixed, retest. If the second pressure test holds, that's good, but don't be disappointed if it doesn't. It is not uncommon to have more than one leak. Keep fixing leaks and retesting until the crankcase holds pressure.

Once it holds pressure, next test with a vacuum. This is just like a pressure test, but only in reverse. With a vacuum test, you suck the air out rather than compress it. This is important to do because, some engines will hold pressure, but not a vacuum. If you find this problem, the culprit is probably leaking seals. Pressure can push on a seal's worn lip, temporarily sealing it, but when exposed to a vacuum, the opposite happens and the seal will leak. Before reassembling the saw, the crankcase should hold both pressure and vacuum.



A thin piece of rubber and an old exhaust flange can be used to seal an exhaust port for testing.

What Causes Air Leaks

Air leaks occur for various reasons. Because of this, they can be big leaks or small ones. They can occur all-of-a-sudden, or start small and get worse over time. So pay attention to the running characteristics of

your saw, because most air leaks give you clues as to where they are. For example, an air leak that comes on fast is probably a bad gasket or a torn hose.

It is also common for a saw to develop an air leak soon after it is smashed or involved in an accident. A torn intake boot or a cracked heat block are two things that cause air leaks and are easy to miss when repairing more obvious damage.

Now, if you've noticed an air leak developing over time, its cause may be harder to pinpoint. One or both main seals may be leaking. Or it could be a cracked cylinder or a loose hold-down bolt. Or it may be one of twenty other things.

A saw engine may develop an air leak at any stage of its life, but they occur most often in engines that have been damaged and those with a lot of running time. Once an air leak is fixed, a saw may develop another one in a short period of time or it may run for a year without any more trouble. It's a crap shoot. Some saws operate their whole life and never develop a single air leak, while others have several during their working life. There is no rule.

How to Diagnose an Air Leak Without Proper Tools

Many of our customers work in remote locations, miles away from a saw shop. Others just want to be able to do some of their own diagnosis and repair. If you are one of these guys, and suspect your saw has either a carburetor problem or an air leak, read on.

continued on page 108

continued from page 107

While a bench test is the best way to diagnose and repair an air leak, the following simple test may help you. While it may not tell you exactly what the problem is, you can easily learn what it is not, and this can save both money and time.



The seal behind the flywheel sometimes fails and causes an air leak.

If you have access to a good running spare saw of the same model as the saw giving you trouble, remove the carburetor from the good running saw. Install the known good carburetor on the problematic saw and test run it. If the loaner carburetor fixes the problem, you know the carburetor on your problematic saw is the culprit. On the other hand, if the saw still has the same symptoms after running it with what you know is a good carburetor, your saw's original carburetor is probably OK. You likely have some other problem -- like an air leak.

Why Air Leaks Harm Saw Engines

When a saw has a slight air leak, the problem can sometimes be masked by setting the carburetor more rich. While this can provide temporary relief, it is not a good solution because most leaks don't leak

the same amount of air all the time. When an engine's air/fuel mix varies, erratic operation is the result. Secondly, even if you could compensate for an air leak with a rich carburetor adjustment, air leaking into your saw's engine is unfiltered. So while the air/fuel mixture may be controllable on a saw with a slight air leak, debris getting into the engine is not.

Never ignore an air leak if you suspect one. Not attending to an air leak can cause a lean seizure. When this occurs, air leaking into the saw's engine makes its air/fuel mixture get lean. This lean condition sometimes causes the piston to try to weld itself to the cylinder wall. This ruins the piston and the saw's cylinder -- an expensive repair.



The seizure damage on this piston was ultimately caused by an air leak.

Today's Saw Engines Are Less Tolerant Of Air Leaks

Today's saw engines are built to run lean, because lean burning engines produce fewer unburned hydrocarbons -- less emissions. These new saws have additional cooling capacity as well as other features that allow them to run well and perform this way, however since they already run lean, even a slight air leak can push them over the edge.

Today's rev-limiting ignition systems are another way manufacturers keep lean running engines from over-speeding, and this is good. Unfortunately, this can also mask the early signs of an air leak making it harder to detect.

Our Advice

- When frustrated by what you believe is ongoing carburetor problems, make sure the root cause is not an air leak.
- If you have a saw with symptoms of an air leak, have it checked. Unfiltered air and extra-lean running conditions can permanently damage your saw's engine.
- When repairing damage after an accident, look closely for damage that could cause an air leak.
- When repairing damage from a seizure, check for an air leak. Seizure repair is expensive -- something you only want to pay for once.

Conclusion

We hope this information is helpful and gives you working knowledge of how an air leak affects the performance of a pro saw. We realize we have just touched the surface on much of this information, so please contact us if you have questions. You can count on for straight and informed talk on pro saws... That's why we're the Pro's Choice.

MADSEN'S

"The Pro's Choice"

Spring 2011 Catalog Sale

Catalog Sale Specials -- This sheet contains prices on many of the "call for price" items listed in this catalog. It also contains items that are currently priced lower than those listed in the white pages of this catalog. These sale prices are good thru September 2011, or while supplies last.

Henley



Carhartt

T Shirt



\$15⁹⁹

For Bigs & Talls add \$2.

\$13⁹⁹

For Bigs & Talls add \$1.

A Henley is similar to the T shirt on the right, but has a three-button placket and is made of Work-Dry rib knit. For more info on Work-Dry see the catalog listing.

Carhartt T shirts feature a "full" work cut and are made of heavy 6.75 oz. cotton rib knit. For colors, see the catalog listing.

Carhartt



Double Front Logger's Jeans

\$29⁹⁹



Double Front Logger's jeans have an extra layer of denim in the knee and thigh area for extra wear and durability.



Logger's Jeans

Key jeans are made of durable 100% cotton denim and have heavy duty suspender buttons, a zipper fly, full sized pockets, and rivets on stress points.

See page #68 for the size chart and for more information.

\$21⁹⁹



Carhartt Hooded Sweat Shirt

\$34⁹⁹

Our regular price on these sweat shirts is \$49.99, but we had an opportunity to buy an inventory of dark green and heather brown ones at a reduced price, so we're passing the savings on to you. Sizes: M-2X.



1/2 Zip Sweat Shirt

This pulls over just like a 1/2 zip hickory shirt. It also features elastic cuffs and waistband. Available in sizes: M - 2XL

\$17⁹⁵

Add \$2. for 2XL

Faller's Gloves

Atlas Fit Gloves

Thick Cotton Gloves

White Ox Gloves



99¢

12+ **74¢ ea**

Faller's Gloves have a snug fit for good dexterity. They are made of long-wearing knitted polyester. Size: S, M, L, & XL.



\$3⁰⁹

12+ **\$2⁸⁹ ea**

Atlas Fit gloves are made of tight-knit cotton with the palm and fingers coated with latex rubber. Size: S, M, L, & XL. Style# A300.



\$2⁸⁹

12+ **\$2⁴⁹ ea**

Madsen's Gloves are extra thick on the palm and fingers. Their simple design offers great value because they work hard and last long. Size: Large.



\$4⁸⁹

12+ **\$4²⁹ ea**

Add 20¢ for elastic band
Add 60¢ for XL size

White Ox gloves are made of cotton for maximum comfort and protection. Size: M, L, & XL

Harvester Saw Chain



100' roll of #16H - **\$3²⁹**

100' roll of #18HX - **\$3²⁹**

100' roll of #11BC - **\$5³⁹**

100' roll of #11H - **\$5³⁹**

Ask about the new 18HX harvester chain and our low prices on OREGON® harvester bars.

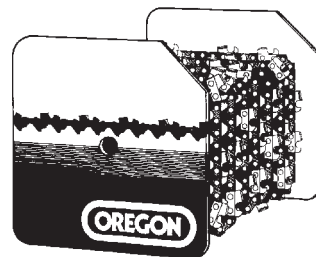
Alaska Toll Free Order Line
1-800-822-2808

Chain Sale

While supply lasts, any 100' roll of OREGON® 3/8" pitch square ground chisel saw chain in stock is only:

\$2²⁹

Add \$20. for Durapro®



Plus, we'll throw in a **FREE** collector's ball cap with each roll you buy. This cap is custom made and features our logo embroidered on the crown. Get yours today!

Power Match Bars for Stihl & Husky Pro Saws



28" **\$63⁵⁰**

30" **\$68⁵⁰**

32" **\$71⁵⁰**

34" **\$76⁵⁰**

36" **\$78⁵⁰**

42" **\$91⁵⁰**

Bar Tips **\$12⁹⁵**

More Sale Specials... Prices good thru September, 2011, or while supplies last. Call (360) 736-1336.



MADSEN'S
Boots

Leather lace-to-toe logger's boots with screw-in calks. A real value.

\$189⁹⁵



MADSEN'S **Romeos**

Take advantage of this special price on Madsen's Romeos. See the catalog listing for sizes.

\$84⁹⁹



Summer Prices

Tree Jacks:



Tree Saver	125 Ton Capacity w/2 rams.	\$329⁵
Little Feller	70 Ton Capacity w/2 rams.	299⁵
High Jacker. . . .	45 Ton Capacity	189⁵

Chain Grinders:



Pro Sharp	Best Chisel Chain Grinder	\$214⁹
SDM-4	Better Chisel Chain Grinder	129⁹
Razor Sharp II . .	Good Chisel Chain Grinder.	86⁹
Swing Arm	Entry Level Chisel Chain Grinder	71⁹
HDG-6	Rider & Gullet Grinder.	56¹
510	Round Grinder for Saw & .063 Harvester.	77⁹
510-80	Round Grinder for .080 Harvester.	79⁹
P & D	Round Grinder for 3/4 Harvester.	87⁹
P D G	Rider Grinder for 3/4 Harvester.	67⁷

MADSEN'S

**Chain Grinding
Wheels**



Your choice of any MADSEN'S brand waxed or unwaxed chisel grinding wheel except for the ceramic wheel.

\$13⁹⁵

Sale price on the #M99 ceramic wheel is **\$30.95**

MADSEN'S

Logger's Jeans



Our entire inventory of Madsen's Logger's Jeans are on sale. We have over a thousand pair in stock!

Single Front **\$24⁹⁵**
Double Front **\$28⁹⁵**

32" Cannon Super Bar



Every Cannon bar is individually made by skilled craftsmen. They are made for the professional logger who recognizes and appreciates excellent quality and value.

These bars are available in 32" .063" gauge with either a STIHL or HUSKY mount. Other lengths are available. Call for more information.

\$142⁵⁰

Merino Wool Socks



CLEAR CREEK

Style #CC845

Our sock buyer found a great deal on these 60% Merino wool socks. They fit size 10-13. These socks retail for \$8.95.

\$3⁹⁹

Acrylic Socks



Style #CC100-3

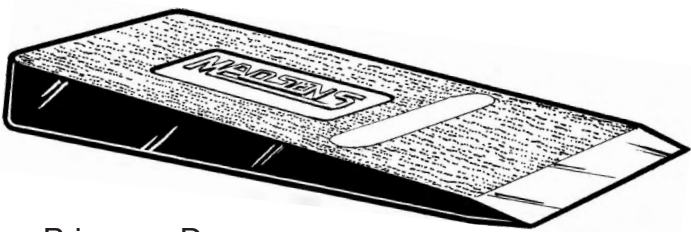
High-bulk acrylic cushion socks feature a reinforced heel and toe. They are value priced in a three pair pack.

Three Pack

\$5⁹⁹

MADSEN'S

**Blaze Pro™ or Blue Ox™
Faller's Wedges**



Price per Dozen

7"- **\$36** (\$3⁰⁰ ea)
10"- **\$42** (\$3⁵⁰ ea)
12"- **\$57** (\$4⁷⁵ ea)

Shown is the Blue Ox wedge, but both are made of high impact ABS by Piller Plastics.

HONDA Generator



#EU2000
List \$1079.95
Special Sale Price:

\$899

Price & availability limited to stock on hand.

- Oil Alert engine protection
- 2000 watt maximum output
- Electronic circuit breaker
- Super Quiet - 59 dB

HONDA
Power
Equipment

Please read the owner's manual before operating your Honda Power Equipment. Connection of a generator to house power requires a transfer device to avoid possible injury to power company personnel. Consult a qualified electrician.
© 2000 American Honda Motor Co. Inc.



MADSEN'S

Hickory Shirts

Madsen's Hickory's are cut from a roomy pattern and made of 100% striped cotton denim.

\$23⁹⁵ Big and tall sizes are extra.